



APPENDICES

ORDINARY MEETING

To Be Held

Wednesday, 11 October 2017
Commencing at 5.00pm

At

Shire of Dardanup
ADMINISTRATION CENTRE EATON
1 Council Drive - EATON

This document is available in alternative formats such as:
~ Large Print
~ Electronic Format [disk or emailed]
Upon request.

BOYANUP CAPEL DARDANUP FOOTBALL CLUB

Boyanup Capel Dardanup Football Club Inc.
PO Box 7055 Eaton WA 6232
Phone: 08 9725 0282
ABN: 72 842 484 496

Home of the



NOISE MANAGEMENT PLAN

This Noise Management Plan (NMP) has been prepared to ensure that any noise impacts to neighbouring properties are minimised as far as practicable.

The following measurements have been implemented by the Boyanup Capel Dardanup Football Club and shows the Club's commitment to managing noise emissions. The Boyanup Capel Dardanup football Club Inc. will communicate and educate our members on this Noise Management Plan.

- No amplified music is to be played before 7am Monday to Saturday; or 9am Sunday or public holidays.
- No extensions of the above hours are to be sought or granted.
- Front doors and internal function room doors to be kept closed at all times amplified music is playing.
- No amplified music to be played in outdoor areas.
- Use of the outdoor area to end by 10pm, and external doors closed.
- No emptying of rubbish bins into external waste receptacles after 10pm.
- All use of the premises to cease by 11pm on Sunday, Monday, Tuesday, Wednesday and Thursday, and 12 midnight Friday and Saturday.
- A limit on the number of private functions operating beyond 10pm to a maximum 12 per year (1 per calendar month);
- A telephone contact is to be provided for the responsible club representative for nearby residents to alert if noise becomes an issue.

Gary Bock – President
0409 113 078





APPLICATION FOR DEVELOPMENT APPROVAL
Town Planning Scheme No. 3
FORM 110

Date stamp

Part 1 Owner Details

Full Name

ROSA MARIA MADIGAN

ABN (if applicable)

38368983119

Postal Address

PO BOX 88

DARDANUP 6236

Phone

+61 8 9728 1392

Mobile

+61 4 0738 1975

Phone A/H

+61 8 9728 1392

Fax

-

Email

info@fergusonfarmstay.com.au

Contact person for correspondence

ROSA MADIGAN

Signature

Rosa Madigan

Date

23/01/17

Signature

Date

The signature of the owner(s) is required on all applications. This application will not proceed without that signature. For the purposes of signing this application an owner includes the persons referred to in the Planning and Development (Local Planning Schemes) Regulations 2015 Schedule 2 clause 62(2).

Part 2 Applicant Details (if different from owner)

Full Name

Postal Address

Phone

Mobile

Phone A/H

Fax

Email

Contact person for correspondence

Signature

Date

Part 3 Property Details

Lot No 2	Street No 930	Street Name HENTY ROAD
Suburb HENTY		Post Code 6236
Nearest street intersection HENTY Road and GIUMELLI Road		
Plan or Diagram Number 82401	Certificate of Title - Vol/Fol 1929/143	
Title encumbrances (e.g. easements, restrictive covenants) E831116 Easement to the State Energy Commission of Western Australia		

Part 4 Proposed Development

Nature of development Works Use Works and Use

Is an exemption from approval claimed for part of the development? Yes No

If yes, is the exemption for: Works Use

Description of proposed works and/or land use
Existing amphitheatre proposed to be used as an outdoor theatre for the performance of shows and concerts

Description of exemption claimed (if relevant)

Nature of existing buildings and/or land use
10 short stay accommodation chalets; restaurant used for casual dining and private functions.

Approximate cost of proposed development: N/A

Estimated time of completion: Completed

Part 5 OFFICE USE ONLY

Acceptance Officer's initials	Date received
Local Government Reference No	

Part 6 Return form to

Shire of Dardanup
 Planning Department
 1 Council Drive/PO Box 7016
 EATON WA 6232

Phone: (08) 9724 0300 Fax: (08) 9724 0091
 Email: records@dardanup.wa.gov.au





CARPARKING AREA No.	AREA (M ²)	No. OF BAYS (ESTIMATED)
DEDICATED CAR PARK	NA	51
1	604	16
2	172	5
3	227	10
4	970	20
5	518	14
6	1017	30
TOTAL		146
NUMBER OF GUESTS*		438

*ASSUMED PARKING PROVISION RATE
1 BAY PER 3 GUESTS

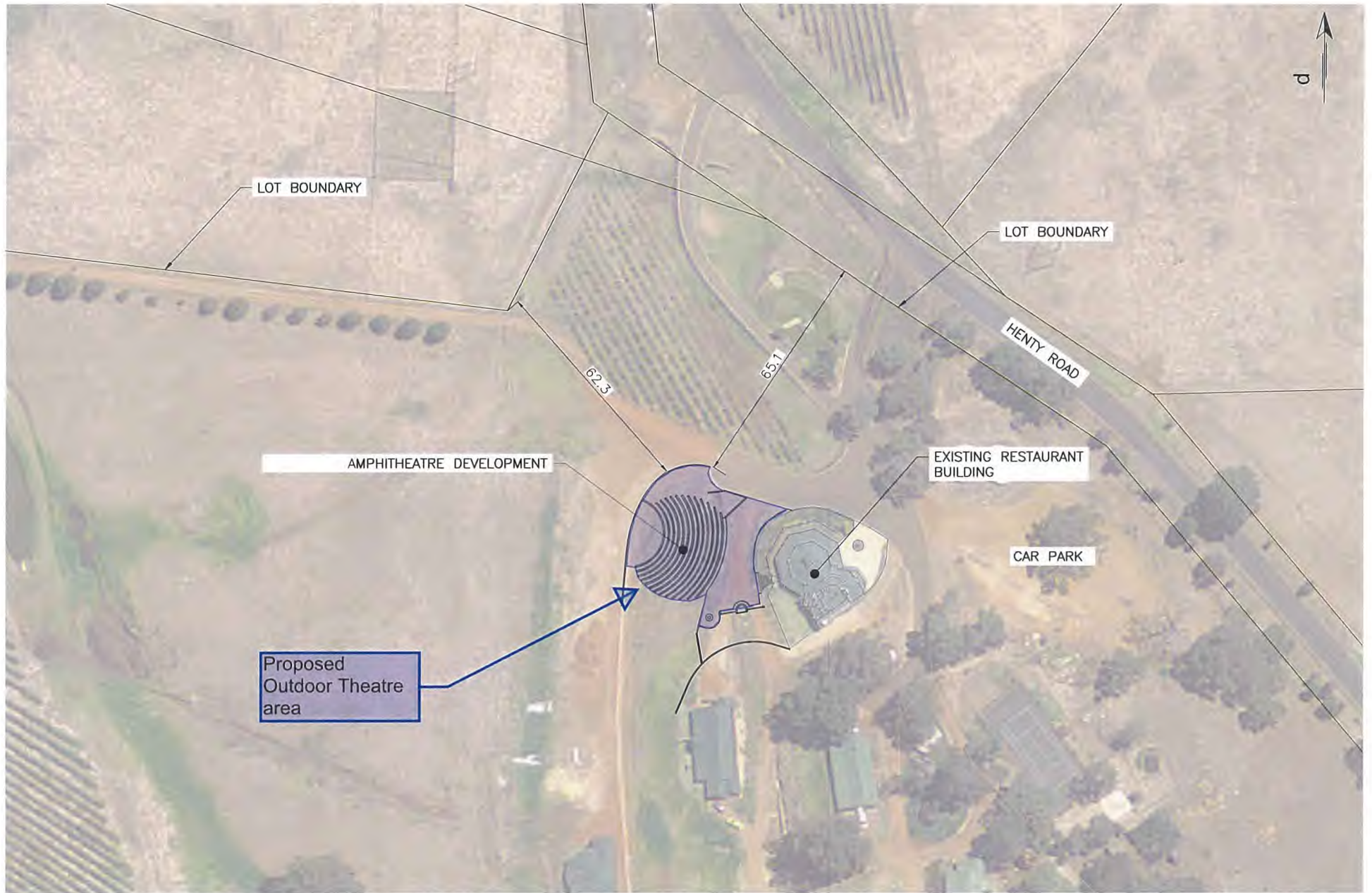
REV	DATE	DESCRIPTION
B	26.02.2017	ADD PARKING AREA No. 6, REVISE BAY NUMBERS
A	18.02.2017	ISSUED TO SHIRE OF DARDANUP FOR DA

CARPARKING PLAN DRAWING TITLE		AMPH-2015-003 DRAWING NO.
FERGUSON FARMSTAY AMPHITHEATRE PROJECT		
		1:1250 (A3) A SCALE REV

FERGUSON FARMSTAY
 930 HENTY ROAD
 HENTY WA
 PO BOX 88
 DARDANUP 6236
 PH: (08) 9728 1392



(Appendix ORD-12:2A)



A	05.01.2016	ISSUED TO SHIRE OF DARDANUP FOR DA
REV	DATE	DESCRIPTION

SITE PLAN
DRAWING TITLE

FERGUSON FARMSTAY AMPHITHEATRE
PROJECT

0 10 20 30 40 50 100 mm

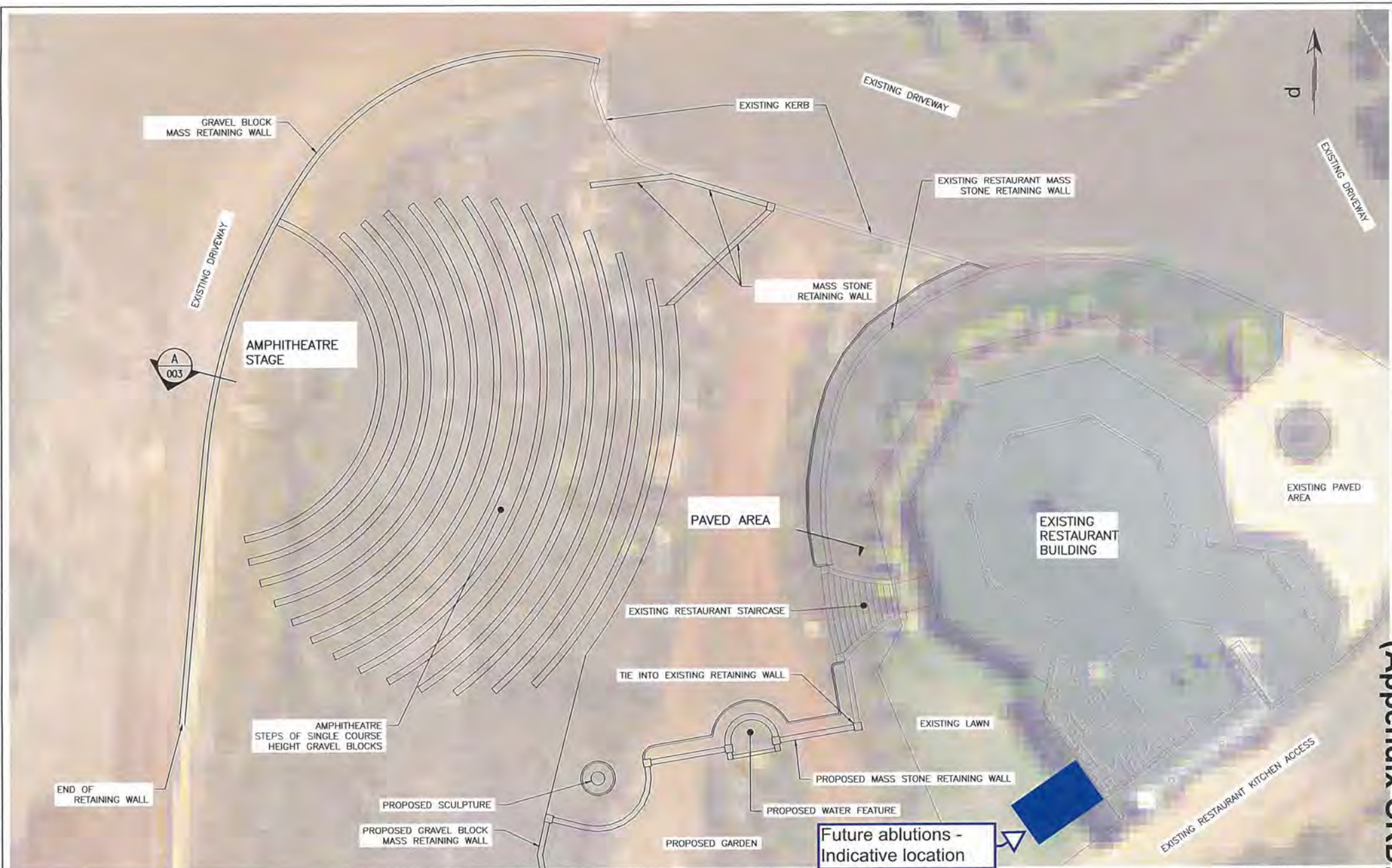
AMPH-2015-001
DRAWING NO.

1:1000 @ A3
SCALE

A
REV

FERGUSON FARMSTAY
930 HENTY ROAD
HENTY WA
PO BOX 88
DARDANUP 6236
PH: (08) 9728 1392





REV	DATE	DESCRIPTION
A	05.01.2016	ISSUED TO SHIRE OF DARDANUP FOR DA

GENERAL ARRANGEMENT PLAN
DRAWING TITLE

FERGUSON FARMSTAY AMPHITHEATRE
PROJECT

0 10 20 30 40 50 100 mm

AMPH-2015-002
DRAWING NO.

1:200 @ A3
SCALE

A
REV

FERGUSON FARMSTAY
930 HENTY ROAD
HENTY WA
PO BOX 88
DARDANUP 6236
PH: (08) 9728 1392



(Appendix ORD: 12.2A)

p

Audrey Bayliss
Trustee Smith Family Trust
P O Box 1113
Bunbury 6231
tabayliss@westnet.com.au
17th July 2017

Shire of Dardanup
P O Box 7016
Eaton 6232
submissions@dardanup.wa.gov.au

**Re: Application for Development Approval Outdoor Theatre [Concerts & Shows]
930 Henty Rd, Burekup [Ferguson Farmstay]**

As near neighbours we are responding to the submission by the Ferguson Farmstay for application approval to operate an Outdoor Theatre to operate 6 concerts per year from their property.

We have no real issues with the concept for increased attractions in this area however we have some concerns surrounding the concert application in regards to noise and roadside rubbish.

Further information request –

We made contact with Mr Jake Whistler at the Shire of Dardanup to request further information as to the types of concerts and event closing time but he was not able to provide definitive answers.

Background Information –

Our house is on the same elevation as the Ferguson Farmstay and the sound travel across the open air from within this 1km distance is strong. It is not uncommon for us to hear children's laughter and voices from the clientele of the Farmstay which makes you feel closer than the actual distance.

It envisaged that orchestral or open air movie type performances would not provide too much of a disturbance but the thought of loud volume, long night concerts with deep thumping base music and "doof doof" sounds from heavy metal and rock performances is not attractive.

Application Approval Conditions –

If this application is approved by the Shire, we would like to submit 3 specific requests for inclusion.

[1] Noise, neighbour respect with the exclusion of concerts and performances with loud volumes and deep thumping base tones.

[2] Confirmation of a socially acceptable concert closing time [11pm] with the expectation that this would be upheld and respected at all event times.

[3] A waste management program which will eliminate any roadside rubbish.

Regards
Audrey Bayliss

From: Ric Stacey <rstacey.migration@gmail.com>
Sent: Thursday, 20 July 2017 4:31 PM
To: Submissions Planning
Cc: P and P Hume
Subject: Submission on Development Proposal

RE:
Application for Development Approval,
Outdoor Theatre (Concerts and Shows)
Lot 2 (930) Henty Rd, Burekup (Ferguson Farmstay)

As landowners in the vicinity of Ferguson Farmstay we are writing to express our support for the proposed 'Outdoor Theatre' as described in the documents posted to us on 6 July 2017 (Your ref P05/17).

We recognise that this development will add to the richness and diversity of cultural activities in our region and therefore will benefit both local landowners and businesses alike. In our opinion the current owners/managers of Ferguson Farmstay have been consistent in ensuring that their development has minimal negative impacts on the surrounding properties.

Although outside the scope of this particular development proposal we do wish to bring to your attention the increased traffic loads on Henty Road which have arisen due to tourist related developments in the area.

In our experience many users of Henty Rd are not familiar with its challenges in terms of blind bends. Tourists in particular who have come to this area to enjoy the facilities and vistas have often created dangerous situations by not remaining on the left hand side of the road. Warning signs have assisted but unfortunately poor road edge repair combined with a lack of road markings has created a significant hazard for all road users.

I therefore request that the Shire address the road safety issues raised above so that we can accommodate further tourist development while assuring the safety of all road users.

This matter has previously been raised in writing (April 2017) by my neighbour Mr Peter HUME (899 Henty Rd) but he is yet to receive a reply.

Regards
Richard and Frances STACEY
1037 Henty Road, HENTY WA 6236
20 July 2017

From: Geoff Cross <GeoffC@letusenterprises.com.au>
Sent: Monday, 24 July 2017 10:01 AM
To: Jake Whistler
Subject: FW: APPLICATION LOT 2 (930)HENTY ROAD,BUREKUP(FERGUSON FARMSTAY,

From: Geoff Cross
Sent: Monday, 24 July 2017 9:50 AM
To: 'gov.au'
Subject: APPLICATION LOT 2 (930)HENTY ROAD,BUREKUP(FERGUSON FARMSTAY.

With reference to the above submission, I have several reservations that need to be addressed.

1)The stage for entertainers is facing my property and new house at 1077 Henty Road. Therefore I believe there will on still nights be noise transference. To rectify this I request that the stage front south, to mitigate this issue.

2)i assume there will not be amplified music, but if there is , I object.

3) Hosting about 6 events is too vague, is it 6 or not, please articulate.

IF the above issues are addressed I would have no objection .

Please keep me informed.

Geoff Cross
Director
Redbridge Pty Ltd

GUIDE DEVELOPMENT PLAN

Ptn. of Lot 2 Henty Road
Ferguson

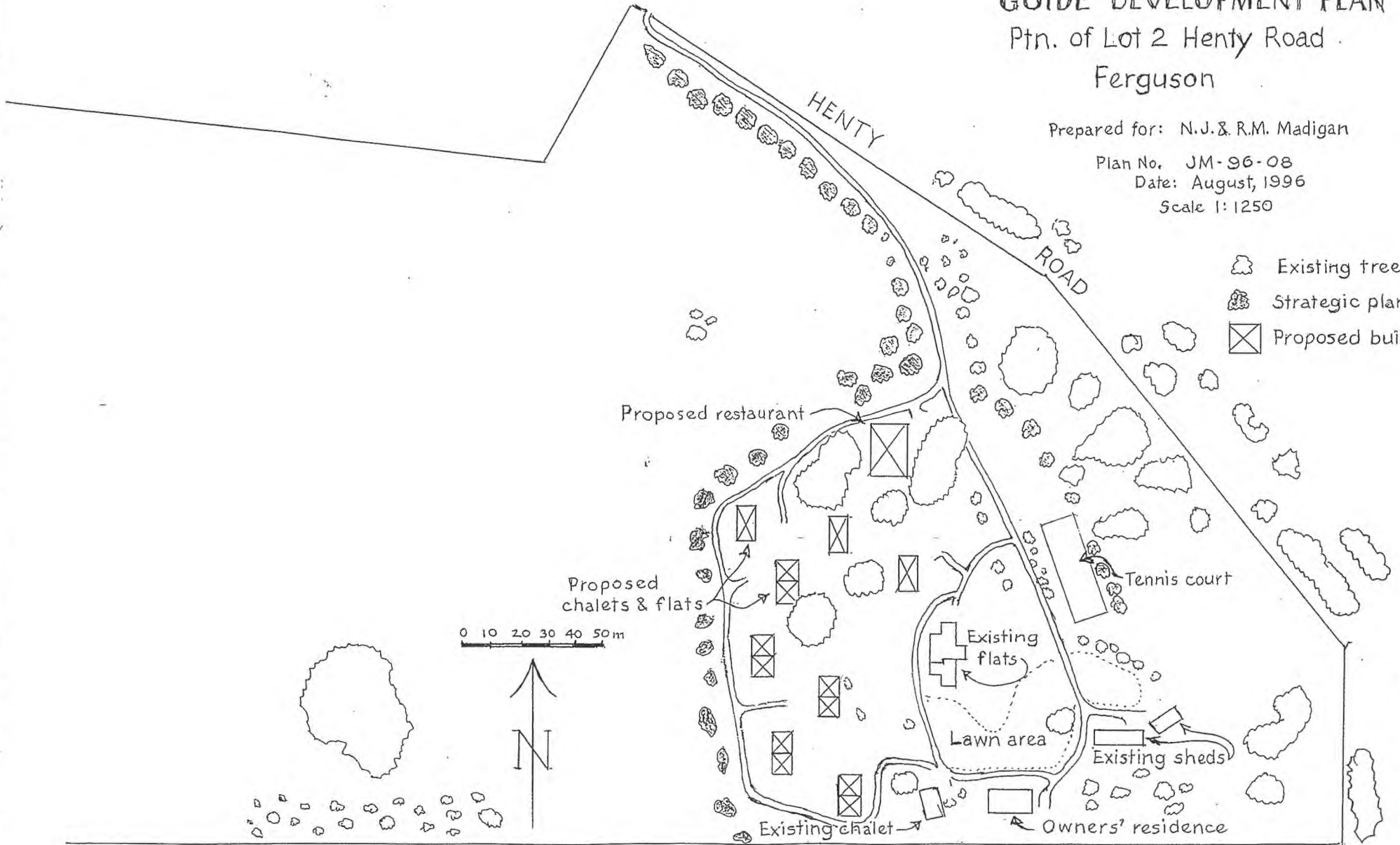
Prepared for: N.J. & R.M. Madigan

Plan No. JM-96-08

Date: August, 1996

Scale 1:1250

- Existing tree
- Strategic planting
- Proposed building



APPENDIX IX - TOURIST USE ZONES (Cont'd)

<p>Joshua Brook Road (Cont'd)</p> <p>AMD 71 GG 23/8/96</p>	<p>Portion Wellington Location 3023</p>	<p>Holiday Accommodation Units</p>	<p>7. Any dam to be constructed on Joshua Brook must not retard water flow to orchard downstream, nor affect water quality in any way. engineering detail is required, to Council satisfaction, prior to any dam construction. Compliance with RIWI legislation is essential.</p> <p>8. The following wording is to be displayed on the wall of each unit (multi lingual):</p> <p>ORCHARD ACTIVITY ON NEIGHBOURING LOTS MAY INCLUDE:</p> <p>A. CHEMICAL SPRAYS, SOME OF WHICH MAY BE OFFENSIVE TO THE NOSE.</p> <p>B. THE USE OF MACHINERY FROM EARLY MORNING TO SOMETIMES LATE AT NIGHT.</p> <p>C. THE USE OF AUDIBLE BIRD DETERRENT DEVICES, THROUGHOUT THE FRUIT GROWING SEASON. THIS NOISE IS GENERATED BY THE AV-ALARM MACHINES WHICH START AT DAY BREAK AND STOP AT SUNSET. HOWEVER, SOME MAY GO FOR 24 HOURS A DAY TO REPEL KANGAROOS AND RABBITS.</p> <p>D. THE USE OF FIREARMS IN THE CONTROL OF PARROTS, RABBITS AND KANGAROOS, DURING THE DAY AND ALSO AT NIGHT.</p> <p>COMMERCIAL ORCHARD AND OTHER FARM ACTIVITIES INCLUDING THE ABOVE. WILL BE CARRIED OUT WITHOUT HINDRANCE OR COMPLAINT FROM THE PRESENT OR FUTURE OWNERS, OF PT WELLINGTON LOCATION 3023 JOSHUA CREEK ROAD.</p> <p>The proponent and subsequent proponents must acknowledge that neighbouring orchard activity can continue unhindered, as per the wording of the wall sign, above.</p>
<p>Henty Brook Road</p> <p>AMD 81 GG 17/10/97</p>	<p>Lot 2 of Leschenault Location 9</p>	<p>Chalets, cabins, apartments, cottages and holiday flats; Restaurant/communal eating recreation area; swimming pool (guest use only); tennis court; grassed recreation area.</p>	<p>1. Development of the site shall generally be in accordance with the Guide Development Plan attached to the Scheme Amendment Report for Amendment 81.</p> <p>2. No more than 16 chalets or other approved kinds of units of holiday accommodation permitted.</p> <p>3. All buildings to be screened from Henty Brook Road to the satisfaction of Council.</p>

APPENDIX IX - TOURIST USE ZONES (Cont'd)

STREET	PARTICULARS OF LAND	USES	CONDITIONS
<p>Henty Brook Road</p> <p>AMD 81 GG 17/10/97</p>	<p>Lot 2 of Leschenault Location 9 (Cont'd)</p>	<p>Chalets, cabins, apartments, cottages and holiday flats; Restaurant/communal eating recreation area; swimming pool (guest use only); tennis court; grassed recreation area.</p>	<p>4. No trees or substantial vegetation shall be felled or removed from the site except where:</p> <p>(i) it is required for approved development works.</p> <p>(ii) It is necessary for the establishment of a firebreak that is required by regulation or By-Law; or</p> <p>(iii) as otherwise approved by Council.</p> <p>5. Strategic Planting shall occur in a staged manner with a landscaping proposal accompanying each application for Approval to Commence Development.</p> <p>6. Where required, the specifications of the potable water supply and waste disposal systems to be installed are to be submitted to Council with building plans and no building shall be considered fit for human habitation until the systems are installed and operating to the Council's satisfaction.</p> <p>7. No installation for the disposal of waste water or septic tank effluent shall be located closer than 100 metres to a definable water course, creek or water body.</p> <p>8. The applicant will prepare a detailed fire control plan to be endorsed by Council and the Bushfires Board prior to commencing development.</p> <p>9. To guarantee no contamination to groundwater and Paradise Creek, nutrient removal from effluent by nutrient stripping in association with Aereobic Treatment Units is required. alternatives to ATUs will be considered only following the acceptance of a geotechnical report on soil under winter conditions, by the Council and the Health Department of WA.</p> <p>Installation of these units must be to Health Dept of WA &</p> <p>Council satisfaction. All the upkeep and maintenance will be at the developers' or subsequent owners' full expense, to Council satisfaction.</p> <p>10. Development applications will be required prior to subsequent stages of development in accordance with the Guide Development Plan.</p>



**APPLICATION FOR
DEVELOPMENT APPROVAL**
Town Planning Scheme No. 3
FORM 110

Date stamp

Part 1 Owner Details

Full Name

Brent Italiano

ABN (if applicable)

35 191 280 375

Postal Address

68 Hayward Street, Dardanup WA 6236

Phone

08 9728 1455

Mobile

0427 478 496

Phone A/H

08 9728 1455

Fax

Email

Bsitaliano25@gmail.com

Contact person for correspondence

Brent Italiano

Signature

Date

02/08/2017

Signature

Date

The signature of the owner(s) is required on all applications. This application will not proceed without that signature. For the purposes of signing this application an owner includes the persons referred to in the Planning and Development (Local Planning Schemes) Regulations 2015 Schedule 2 clause 62(2).

Part 2 Applicant Details (if different from owner)

Full Name

Telstra Corporation Ltd C/- Visionstream Pty Ltd

Postal Address

35 - 37 Kewdale Road, Welshpool WA 6106

Phone

(08) 6555 8518

Mobile

0428 903 338

Phone A/H

Fax

Email

Adam.Wood@Visionstream.com.au

Contact person for correspondence

Adam Wood - Planning Officer

Signature

Date

1/08/2017

Part 3 Property Details

Lot No 5	Street No	Street Name Wellington Mill Road
Suburb Wellington Mill		Post Code 6236
Nearest street intersection Wellington Mill Road & King Tree Road		
Plan or Diagram Number 87841	Certificate of Title – Vol/Fol Volume 2180 Folio 171	
Title encumbrances (e.g. easements, restrictive covenants) None		

Part 4 Proposed Development

Nature of development Works Use Works and Use

Is an exemption from approval claimed for part of the development? Yes No

If yes, is the exemption for: Works Use

Description of proposed works and/or land use
The proposed development will be for the construction and operation of a Telstra Corporation Ltd Telecommunications Facility.

Description of exemption claimed (if relevant)
No Exemptions Claimed

Nature of existing buildings and/or land use
The current land is classified Rural under the GBRS and 'General Farming' under the Shire of Dardanup LPS No3. The land is currently used for rural residential and farming purposes.

Approximate cost of proposed development: \$150,000
Estimated time of completion: December 2017

Part 5 OFFICE USE ONLY

Acceptance Officer's initials	Date received
Local Government Reference No	

Part 6 Return form to

Shire of Dardanup
Planning Department
1 Council Drive/PO Box 7016
EATON WA 6232

Phone: (08) 9724 0300 Fax: (08) 9724 0091
Email: records@dardanup.wa.gov.au





Greater Bunbury Region Scheme
Form 1
Application for Planning Approval



Owner/s details

Registered proprietor/s (landowner/s) or the authorised agent's details must be provided in this section. If there are more than two landowners please provide all relevant information on a separate page. Signature/s must be provided by all registered proprietors or by an authorised agent. Alternatively, a letter of consent, which is signed by all registered proprietors or by the authorised agent, can be provided.

Full name Brent Italiano
Company/agency (if applicable)
ACN/ABN (if applicable) 35 191 280 375
Postal address 68 Hayward Street
Town/suburb Dardanup Postcode 6236
Signature [Handwritten Signature] Date 02/08/2017
Print name and position Brent Italiano (if signing on behalf of a company or agency)

Applicant details

Name/company Telstra Corporation Ltd C/- Visionstream Australia Pty Ltd
Contact person Adam Wood
Postal address 37 Kewdale Road Postcode 6106
Town/suburb Welshpool
Fax Email Adam.Wood@Visionstream.com.au
Applicant signature Date 1/08/2017
Print name and position Adam Wood - Planning Officer (if signing on behalf of a company or agency)

Property details

Certificate of title description of land: Lot No 5 Location No
Plan or Diagram 87841 Vol 2180 Folio 171

Certificate of title description of land: Lot No Location No
Plan or Diagram Vol Folio

Title encumbrances (e.g. easements, restrictive covenants) None
Locality of development (house no., street name, suburb, etc) Lot 5, Wellington mill Road, Wellington Mill WA 6236
Nearest street intersection Wellington Mill Road & King Tree Road
Existing building/land use Residential / Farming
Description of proposed development and/or use Telstra Telecommunications Facility (Black Spot Program)
Nature of any existing buildings and/or use Residential / Farming
Approximate cost of proposed development (excl. gst) \$ 150,000
Estimated time of completion December 2017

Is the development within a designated bushfire prone area? Y/N
If yes, please identify and address the bushfire risk (e.g. by including a BAL assessment(s) or BAL Contour Map and a Bushfire Management Plan with the application). Alternatively a short statement justifying why SPP 3.7 does not apply should be included with the application.

Office use only

Acceptance Officer's Initials Date Received
Local government reference No. Commission reference No.

The information and plans provided with this application may be made available by the WAPC for public viewing in connection with the application.





14th July 2017

Chief Executive Officer
Shire of Dardanup
PO Box 7016
Eaton WA 6232

Dear Mr Mark Chester – Chief Executive Officer

**Development Application submission – Proposed Telecommunications Facility –
WA08817.01 Wellington Mill – at Lot 5 on Diagram 87841, Wellington Mill Road,
Wellington Mill WA 6236**

Please find enclosed an application lodged by Visionstream Pty Ltd on behalf of Telstra Corporation Ltd for a Planning Approval and supporting information for a proposed telecommunications facility which will form part of the Telstra Black Spot Program rollout across Australia.

Please find enclosed:

- Application for planning approval form;
- Written documentation (Planning Report);
- Three (3) copies of Plans of the proposal.
- Any other relevant documents or information

For application fee payment, please contact Briana Hughes of Visionstream Pty Ltd on (07) 3852 8107 for payment via credit card.

This application has been submitted by Visionstream Pty Ltd on behalf of Telstra Corporation Ltd and involves the construction of a 40m Monopole and associated ancillary development.

An application for the approval to commence and carry out development is submitted to the Shire of Dardanup for its determination.

Should you require any additional information regarding this application, please do not hesitate to contact Adam Wood with the details on the undersigned.

Yours sincerely,



Adam Wood
Planning Officer
Visionstream Pty Ltd
T: (08) 6555 8518 or 0428 903 338
E-mail: Adam.Wood@Visionstream.com.au

VISIONSTREAM AUSTRALIA PTY LTD ABN 85 093 384 680
Western Region Office: 37 Kewdale Road, Welshpool WA 6106
W www.visionstream.com.au

PLANNING ASSESSMENT REPORT

Development Application for

The installation of a Telecommunications Facility at
Lot 5 Wellington Mill Road, Wellington Mill WA 6236
(Lot 5 on Diagram 87841)

Document prepared by **Visionstream Pty Ltd**

On behalf of **Telstra Corporation Ltd**

Project Name: Wellington Mill

Project No.: WA08817.01

July 2017





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Document Control

This Development Application is prepared by:

Visionstream Australia Pty Ltd

ABN 85 093 384 680

Postal Address:

35-37 Kewdale Road

Welshpool WA 6106

T (08) 6555 8518

W www.visionstream.com.au

Document Control				
Rev	Date	Status	Prepared by	Reviewed by
1.0	30/06/2017	Draft	Adam Wood	Daniel Hay
2.0	14/07/2017	Final	Adam Wood	Daniel Hay

DISCLAIMER

Visionstream Australia Pty Ltd does not accept any risk or responsibility for a third party using this document, unless written authorisation is provided by Visionstream Australia Pty Ltd



1.0 Executive Summary

1.1 Site and Proposal Details

Address of Site	Lot 5 Wellington Mill Road, Wellington Mill WA 6236
Legal Property Description	Lot 5 on Diagram 87841
Local Authority	Shire of Dardanup
Planning Instrument	Shire of Dardanup Local Planning Scheme No. 3 Greater Bunbury Region Scheme (GBRS)
Zone and Overlay	General Farming Heritage – Landscape Protection Area
Use	Telecommunications Facility
Owner	John, Sonja and Nathan Callaghan and Vaughan and Janine Galbraith

1.2 Applicant Details

Applicant	Telstra Corporation Limited ABN 051 775 556 C/- Visionstream Pty Ltd	
Contact Person	Adam Wood	(08) 6555 8518 Adam.Wood@Visionstream.com.au
Our Reference	WA08817.01 Wellington Mill	

2.0 Introduction

This report has been prepared by Visionstream on behalf of Telstra as supporting information to a Planning Permit Application for the installation of a 40.0 metre high telecommunications facility at Lot 5 Wellington Mill Road, Wellington Mill WA 6236 more formally known as Lot 5 on Diagram 87841.

Refer to Appendix 1 for Title details

All mobile phone network operators are bound by the operational provisions of the federal *Telecommunications Act 1997* ("The Act") and the *Telecommunications Code of Practice 1997*. The *Telecommunications (Low-Impact Facilities) Determination 1997* allows for the upgrade of existing mobile phone network infrastructure without the consent of a relevant statutory authority.

In this instance the proposed development does not comply as a "Low Impact facility" under the definitions contained in the Commonwealth legislation. Therefore it is subject to the provisions of the *WA Planning and Development Act 2005* and the provisions of the Shire of Dardanup Local Planning Scheme No. 3.

For further information on the Mobile Black Spot Program, including coverage and site specific information, please head to <https://www.telstra.com.au/coverage-networks/mobile-black-spot-program>.



3.0 Proposed Scope of Works

The proposal is inclusive of the following scope of works:

- Install one (1) 40m monopole;
- Installation of a triangular headframe;
- Install six (6) new panel antennas (no greater than 2.8m in length);
- Install six (6) TMA's and nine (9) Remote Radio Units (RRUs);
- Installation of one (1) Telstra Equipment Shelter, that is not more than 3m high with a base area of not more than 7.5m² at the base of the aforementioned monopole;
- Installation of associated ancillary cabling and equipment;
- Install a new stock-proof fence (dimensions 12m x 11m) surrounding the Telstra compound, with a 3m wide access gate;

Refer to Plans attached in Appendix B for further details

4.0 Purpose of the Proposal

The purpose of the application is to receive development approval for the installation of a telecommunications facility at Lot 5 Wellington Mill Road, Wellington Mill, on behalf of Telstra in accordance with the Federal Government Mobile Black Spot Program.

By way of a background:

Mobile Black Spot Program

Telstra is participating in one of the largest ever expansions of mobile coverage in regional and remote Australia, through the Federal Government's Mobile Black Spot Program.

Telstra will be building 429 new 3G/4G base stations over the next three years, plus a further 250 4G data small cells, representing a combined investment of more than \$340 million by Telstra, the Federal Government and several State and Local Governments as well.

Mobile connectivity has grown in importance as the combination of smart phones and tablets with increased mobile broadband speeds and capacity are changing the way we live and the availability of these services is often taken for granted in metropolitan locations.

Over 400 communities who currently have no coverage in or around their towns will benefit from a new 3G/4G service. This has been made possible by the support of not just the Federal Government, but very significant contributions by State and Local Governments as well.

With this Government partnership, Telstra is committing \$165 million of its own funds in return for the \$94.8 million allocated to Telstra by the Federal Government and has worked with Victorian, NSW, Queensland, Tasmanian and Western Australian State Governments as well as multiple Local Governments to attract tens of millions of dollars in targeted additional funding. This means Telstra is able to deliver an investment of over \$340 million in regional telecommunications. Coupled with unparalleled experience in building networks, this investment will bring new and improved coverage to hundreds of communities across the country.

As the first carrier to bring 4G mobile services to regional Australia, Telstra knows how important high-speed mobile can be to supporting local businesses, tourism and education and will continue the expansion of its 4G and 4GX services.

Telstra is proud to have put forward a strong bid for regional Australia as part of a competitive tender process, and looks forward to rolling out the new base stations and expanding coverage for hundreds of communities over the next three years.



5.0 Mobile Telecommunications Networks

A mobile telecommunications network is made up of multiple base stations covering a geographic area. They work by sending and receiving radio signals from their antennas to mobile phones and other mobile devices such as tablets, wireless dongles etc. Base stations are designed to provide service to the area immediately surrounding the base station – can be up to several kilometres. Depending on the technical objectives of a base station, the physical characteristics of each telecommunications facility, such as its height, number and size of antennas, equipment, cabling etc. will vary.

As a general rule, the higher the antennas at a base station, the greater it's range of coverage and its ability to relieve capacity issues. If this height is compromised, additional facilities, and thus more infrastructure will be required for any given locality. The further a facility is located away from its technically optimum position, the greater the compromise of service. This may result in coverage gaps and require additional or taller base stations to provide adequate service.

Each base station transmits and receives signals to and from mobile devices in the area. As the mobile device user moves around, their device will communicate with the nearest base station/ facility to them at all times. If they cannot pick up a signal, or the nearest base station is congested (already handling the maximum number of phone calls or maximum level of data usage) the user may not be able to place a call, experience a call "drop out" or a slowing data rate while attempting to download content.

The current proposal will form part of Telstra's NextG network solution to Wellington Mill and surrounding areas and will deliver essential mobile services (voice calling, SMS), as well as live video calling, video-based content including: news, finance and sports highlights, and high-speed wireless internet – wireless broadband. With a coverage footprint of more than 2.1 million square kilometres and covering more than 99% of the Australian population, Telstra's NextG is Australia's largest and fastest national mobile broadband network and as such requires more network facilities, located closer together to ensure a high quality signal strength to achieve reliable service and the fastest possible data transfer rates.

6.0 Site Parameters

Telstra commences the site selection process with a search of potential sites that meet the network's technical requirements, with a view to also having the least possible impact on the surrounding area. Telstra applies and evaluates a range of criteria as part of this site selection process.

Telstra assesses the technical viability of potential sites through the use of computer modelling tools that produce predictions of the coverage that may be expected from these sites, as well as from the experience and knowledge of the radio engineers.

There are also a number of other important criteria that Telstra uses to assess options and select sites that may be suitable for a proposed new facility. These take into account factors other than the technical performance of the site, and include:

- The potential to co-locate on an existing telecommunications facility.
- The potential to locate on an existing building or structure.
- Visual impact and the potential to obtain relevant town planning approvals.
- Proximity to community sensitive locations and areas of environmental heritage.
- The potential to obtain tenure at the site.
- The cost of developing the site and the provision of utilities (power, access to the facility and transmission links).

Telstra is also contracted to meet objectives of the Mobile Black Spot Program, with parameters set by the Federal Government. A number of factors determined which areas received funding, including the lack of outdoor coverage and the number of people who would benefit from a new facility.

In the Mobile Black Spot Program Discussion, Australian Government Department of Communications 2013, it states that:

"The Mobile Black Spot Program will improve mobile phone coverage and competition in regional and remote Australia, including along major transport routes, in small communities and in locations prone to



experiencing natural disasters. The Guidelines aim to ensure the Program is delivered as efficiently and effectively as possible, and achieve maximum value for money."

In making the proposal for this site at Lot 5 Wellington Mill Road, Wellington Mill, Telstra has carefully weighed all of the above criteria. This analysis is detailed in the next section.

7.0 Candidate Sites

Telstra carefully examined a range of possible deployment options in the area before concluding that a new telecommunications facility at Lot 5 Wellington Mill Road, Wellington Mill would be the most appropriate solution to provide necessary mobile phone coverage to the Wellington Mill area as part of the Federal Government's Mobile Black Spot Program.

Accordingly, this section of the report will demonstrate the following:

- Colocation opportunities and existing telecommunications infrastructure within proximity to the proposed installation; and
- An analysis of the locations considered when determining an appropriate location for a new telecommunications installation within the required coverage area.

Colocation opportunities

The Communications Alliance Ltd. (formerly Australian Communications Industry Forum Ltd. - ACIF) Industry Code C564:2011 – Mobile Phone Base Station Deployment promotes the use of existing sites in order to mitigate the effects of facilities on the landscape. It should also be noted that as a first preference, Telstra attempts to utilise, where possible, any existing infrastructure or co-location opportunities.

Below is a map of existing and proposed telecommunications facilities surrounding the Wellington Mill area – the blue marker indicates the location of the proposed telecommunications facility at Lot 5 Wellington Mill Road, Wellington Mill.

Accordingly, there is an identified lack of telecommunications facilities within the vicinity of the proposed installation, with the nearest existing facilities being more than 3km North-West of the proposed facility in Wellington Mill (of which one site has been identified as the Telstra Ferguson Valley site which was recently approved under the Black Spot Program. As such, there were no suitable colocation opportunities to provide the required radio frequency coverage objectives.



Figure 1: Location of nearby existing telecommunications facilities – Source: RFNSA, www.rfnsa.com.au



Candidates considered

Investigations into the installation of a new telecommunications facility within the Wellington Mill area have been ongoing and more recently in conjunction with the Federal Government's Mobile Black Spot Program to improve mobile coverage to this region.

The site which has been selected is deemed to be the most optimal location to achieve the required coverage requirements.

Candidate	Location	Proposal	Zoning	Description
Candidate A	State Forest D 25, Corner Wellington Mill Rd and Wellington Dam Rd, Wellington Mill WA 6236 Lat: -33.455067° Long: 115.906033°	Greenfield 40m Monopole	State Forests Reserve	This candidate is zoned State Forests Reserve and a 40m monopole was assessed at this location. The land is identified within a State Reserve and approval would be required under the GBRS. It was also noted that this candidate is located at a lower elevation and was unable to meet the required RF objectives.
Candidate B	Lot 100 on Diagram 98096, 512 Wellington Mill Road, Wellington Mill WA 6236 Lat: -33.456133° Long: 115.903417°	Greenfield 35m Monopole	General Farming	This candidate is zoned General Farming and a 35m monopole was assessed at this location. However Telstra was unable to secure land tenure at this location.
Candidate C	Lot 5 on Diagram 87841, Wellington Mill Road, Wellington Mill, WA 6236 Lat: -33.45419° Long: 115.89286°	Greenfield 40m Monopole	General Farming	The site is the preferred candidate and will be discussed in further detail throughout this report
Candidate D	662 Wellington Mill Rd, Wellington Mill WA 6236 Lat: -33.461329° Long: 115.903732°	Greenfield 40m Monopole	General Farming	This candidate is zoned General Farming and a 40m monopole was assessed at this location. However Telstra was unable to secure land tenure at this location.
Candidate E	Lot 200 on Plan 44009, 110 South Road, Wellington Mill, WA 6236 Lat: -33.473485° Long: 115.925423°	Greenfield 40m Monopole	General Farming	This candidate is zoned General Farming and a 40m monopole was assessed at this location. However Telstra was unable to secure land tenure at this location.



Figure 2: Location of Proposed Candidates

7.1 Nominated Candidate

A preferred nominated candidate was selected for the proposed facility, based on the radiofrequency objectives, planning and environmental issues, potential community sensitive uses and engineering criteria, as noted above. In this case, **Candidate C** (a new 40m Monopole located at Lot 5 Wellington Mill Road, Wellington Mill) was considered the best option. This was based on the following:

- The site is appropriately located and sited so as to minimise visual and environmental impact on the immediate and surrounding area;
- Well setback from sensitive uses;
- The site will achieve the required coverage objectives for the area;
- The site will meet design and construction considerations; and
- The proposal operates within the regulatory framework of Commonwealth, State and Local Government.

As stated above, the site selection process carefully considered environmental and visual constraints, existing and future land use characteristics, the orderly planning of the area and the design of the facility. On balance, it is considered that the location and height of the facility ensures optimal service provision to the area whilst minimizing any perceived visual impacts.

The proposed Telstra site has been located and designed to minimise any adverse impact on the amenity of the surrounding area. The site has been located over 500m from the nearest road corridor, over 400m from the nearest neighbouring residential dwelling and is set within an area currently cleared of mature vegetation, yet with large trees surrounding the perimeter. As such, it is considered that the siting and design effectively responds to the landscape setting in the area.

7.2 The Site

The subject site is located at Lot 5 Wellington Mill Road, Wellington Mill WA 6236. The legal description of the property is Lot 5 on Diagram 87841 Volume 2180 Folio 171. A copy of the Certificate of Title has been attached for information purposes (**Appendix 1 – Certificate of Title**).

The land is privately owned by John, Sonja and Nathan Callaghan and Vaughan and Janine Galbraith.

The aforementioned land is zoned 'General Farming' under the provisions of the Shire of Dardanup Local Planning Scheme No. 3 – refer to **Section 10.1** for additional information on planning schemes and map images.

The site is currently used for residential and farming purposes. The site will be accessed from Wellington Mill Road via the existing property driveway. The surrounding land is also characterised by rural land uses.



Figure 3: Proposed Telstra Site – Lot 5 Wellington Mill Road, Wellington Mill (Source: Google Earth)

Appropriate setbacks to any identified 'sensitive sites' has been considered and achieved during the detailed siting of the facility. The closest residential property is approximately 420m north of the site location.

The site is not located in an area of environmental significance as defined by The *Telecommunications (Low-Impact Facilities) Determination 1997*.



8.0 Federal Regulatory Framework

The following information provides a summary of the Federal legislation relevant to telecommunications development proposals.

8.1.0 Telecommunications Act 1997

The *Telecommunications Act 1997* (the Act) came into operation on 1st July 1997. The Act provides a system for regulating telecommunications and the activities of carriers and service providers.

Under the Act, telecommunications carriers are no longer exempt from State and Territory planning laws except in three limited instances:

1. There are exemptions for inspection of land, maintenance of facilities, installation of "low impact facilities", subscriber connections and temporary Defence facilities. These exemptions are detailed in the *Telecommunications (Low-impact Facilities) Determination 1997* and the *Amendment No. 1 of 2012* and these exceptions are subject to the *Telecommunications Code of Practice 1997*;
2. A limited case-by-case appeals process exists to cover installation of facilities in situations of national significance; and
3. There are some specific powers and immunities from the previous *Telecommunications Act 1991*.

8.1.1 Telecommunications (Low-impact Facilities) Determination 1997

The Telecommunications (Low-impact Facilities) Determination came into effect on 1st July 1997 and the Amendment to the Determination (No.1 of 2012) came into effect on 23rd November 2013.

The Determination contains a list of Telecommunications Facilities that the Commonwealth will continue to regulate. These are facilities that are essential to maintaining telecommunications networks and are unlikely to cause significant community disruption during their installation or operation. These facilities are therefore considered to be 'Low-impact' and do not require planning approval under State or territory laws.

The proposed facility at Lot 5 Wellington Mill Road, Wellington Mill does not fall under the Determination and, therefore, requires approval under State planning legislation.

9.0 State Regulatory Framework

The following information provides a summary of the State legislation/ guidelines relevant to telecommunications development proposals.

9.1 Planning and Development Act 2005

The Minister of Planning and Infrastructure has ultimate authority for town planning in Western Australia. Development within Western Australia is controlled by the *Planning and Development Act 2005* through the application of environmental planning instruments. Under the Planning and Development Act 2005, the Western Australian Planning Commission (WAPC) is the responsible authority for land use planning and development matters and this report seeks to demonstrate compliance with the WAPC and other items of relevant legislation which pertain to the subject application.

9.2 Statement of Planning Policy No. 5.2 – Telecommunications Infrastructures (WAPC)

The WAPC *Statement of Planning Policy No. 5.2 – Telecommunications Infrastructure* (SPP 5.2) provides a framework for the preparation, assessment and determination of applications for planning approval of telecommunications facilities within the context of the planning system of Western Australia.



Planning Policy 5.2 states that 'telecommunications infrastructure should be located, sited and designed in accordance with the following Guiding Principles'.

Principles	Comments	Complies
There should be a co-ordinated approach to the planning and development of telecommunications infrastructure, although changes in the location and demand for services require a flexible approach.	Telstra undertakes a carefully co-ordinated and planned approach to the development of their network.	✓
Telecommunications infrastructure should be strategically planned and co-ordinated, similar to planning for other essential infrastructure such as networks and energy supply	The proposed facility is strategically planned and co-ordinated to ensure that the facility will provide high level coverage to Wellington Mill and the rural surrounds.	✓
Telecommunications facilities should be located and designed to meet the communication needs of the community	The proposed facility seeks to provide mobile coverage to Wellington Mill and surrounding area.	✓
Telecommunications facilities should be designed and sited to minimise any potential adverse visual impact on the character and amenity of the local environment, in particular, impacts on prominent landscape features, general views in the locality and individual significant views.	The proposed 40m monopole has been sited to maintain the primary use of the land whilst considering the visual impact to the surrounding area. The site carefully considered environmental and visual constraints, existing and future land use characteristics, the orderly planning of the area and the design of the facility. On balance, it is considered that the location and height of the facility ensures optimal service provision to the area whilst minimizing any perceived visual impact.	✓
Telecommunications facilities should be designed and sited to minimise impacts on areas of natural conservation value and places of heritage significance or where declared rare flora are located.	A desktop study of the proposed site indicated that it is not affected by any Heritage listings. The closest heritage item has been identified as the Wellington Mill Manager's House & two graves (Place No. 16739), it is determined that the site will not have any impact on this place. As the land is already cleared, there will be no impact on the natural environment or its surrounds. Notwithstanding, it is only proposed that two small-medium size trees be removed as part of this proposal to ensure sufficient access to the site.	✓
Telecommunications facilities should be designed and sited with specific consideration of water catchment protection requirements and the need to minimise land degradation.	Prior to the commencement of work Telstra will undertake such measures as deemed necessary by Council to effectively protect water catchments within the immediate area.	✓



<p>Telecommunications facilities should be designed and sited to minimise adverse impacts on the visual character and amenity of residential area.</p>	<p>Telstra has selected a site and location that seeks to minimise any perceived negative impacts on the visual amenity of the area, particularly when viewed from residential areas. The monopole will remain unpainted (dull grey in colour) which blends in with the sky. Furthermore, the proposed subject site maintains suitable separation distance to surrounding residential areas. The proposed site location has been identified in conjunction with the landowner.</p>	<p>✓</p>
<p>Telecommunications cables should be placed underground, unless it is impractical to do so and there would be no significant effect on visual amenity or, in the case of regional areas, it can be demonstrated that there are long-term benefits to the community that outweigh the visual impact.</p>	<p>Overhead cabling is not proposed for this site.</p>	<p>✓</p>
<p>Telecommunications cables that are installed overhead with other infrastructure such as electricity cables should be removed and placed underground when it can be demonstrated and agreed by the carrier that it is technically feasible and practical to do so.</p>	<p>This principle does not apply to the subject of this application.</p>	<p>✓</p>
<p>Unless it is impractical to do so telecommunications towers should be located within commercial, business, industrial and rural areas and areas outside identified conservation areas.</p>	<p>The proposed site is zoned 'General Farming' as identified by the Shire of Dardanup Local Planning Scheme No. 3. As such, with the principle designated use being 'Rural', the proposed facility will be located in the desired zoning.</p>	<p>✓</p>
<p>The design and siting of telecommunications towers and ancillary facilities should be integrated with existing buildings and structures, unless it is impractical to do so, in which case they should be sited and designed so as to minimise any adverse impact on the amenity of the surrounding area.</p>	<p>As per Section 7 of this report, no opportunities for co-location were identified in the area and as such it has been identified that the proposed Telstra site location is seen as the preferred site location.</p>	<p>✓</p>
<p>Co-location of telecommunications facilities should generally be sought, unless such an arrangement would detract from local amenities or where operation of the facilities would be significantly compromised as a result.</p>	<p>As per Section 7 of this report, no opportunities for co-location were identified in the area and as such it has been identified that the proposed Telstra site location is seen as the preferred site location.</p>	<p>✓</p>



Measures such as surface mounting, concealment, colour co-ordination, camouflage and landscaping to screen at least the base of towers and ancillary structures, and to draw attention away from the tower, should be used, where appropriate, to minimise the visual impact of telecommunications facilities.	Telstra has selected a site and location that seeks to minimise any perceived negative impacts on the visual amenity of the area, particularly when viewed from residential areas. The monopole will remain unpainted (dull grey in colour) which blends in with the sky. Furthermore, the proposed subject site maintains suitable separation distance to surrounding residential areas. The proposed site location has been identified in conjunction with the landowner. The site will also be surrounded by existing vegetation, further mitigating any perceived visual impacts.	✓
Design and operation of a telecommunications facility should accord with the licensing requirements of the Australian Communications Authority, with physical isolation and control of public access to emission hazard zones and use of minimum power levels consistent with quality services.	Telecommunications facilities include radio transmitters that radiate electromagnetic energy (EME) into the surrounding area. The levels of these electromagnetic fields must comply with safety limits imposed by the Australian Communications and Media Authority (ACMA, previously ACA). All Telstra installations are designed to operate within these limits.	✓
Construction of a telecommunications facility (including access to a facility) should be undertaken so as to minimise adverse effects on the natural environment and the amenity of users or occupiers of adjacent property, and ensure compliance with relevant health and safety standards.	During construction, Telstra contractors will endeavour to minimise the impact of their works on the amenity of nearby residents and on the surrounding environment. As the proposed site is located in an open space and away from any nearby residential properties, adverse effects on neighbouring properties will be minimal. Following construction, maintenance (excluding emergency repair work) activities should not interfere with the amenity of users. All Health and Safety standards will be adhered to.	✓

Under section 5.1.1 of the State Planning Policy 5.2: Telecommunications Infrastructure Policy the West Australian Planning Commission provides a set of measures in assessing the visual impact of a proposed telecommunications facility.

An assessment of these guidelines below has found that the proposed Telstra Mobile Phone Base Station is compliant with the intent and requirements of the State Planning Policy 5.2: Telecommunication Infrastructure Policy.

Measures	Comments	Complies
Be located where it will not be prominently visible from significant viewing locations such as scenic routes, lookouts and recreation sites.	The proposed 40m monopole has been sited to maintain the primary use of the land whilst considering the visual impact to the surrounding area. The site carefully considered environmental and visual constraints, existing and future land use characteristics, the orderly planning of the area and the design of the facility. On balance, it is considered that the location and height of the facility ensures optimal service provision to the area whilst minimizing any perceived visual impact.	✓



<p>Be located to avoid detracting from a significant view of a heritage item or place, a landmark, a streetscape, vista or a panorama, whether viewed from public or private land;</p>	<p>Telstra has selected a site and location that seeks to minimise any perceived negative impacts on the visual amenity of the area, particularly when viewed from residential areas. The monopole will remain unpainted (dull grey in colour) which blends in with the sky. Furthermore, the proposed subject site maintains suitable separation distance to surrounding residential areas. The proposed site location has been identified in conjunction with the landowner. The site will also be surrounded by existing mature vegetation, further mitigating any perceived visual impacts.</p>	<p>✓</p>
<p>Not be located on sites where environmental, cultural heritage, social and visual landscape values may be compromised;</p>	<p>There are no known items of Environmental, Cultural or social significance located on the proposed site. Any visual impact has been mitigated through a variety of design elements.</p>	<p>✓</p>
<p>Display design features, including scale, materials, external colours and finishes that are sympathetic to the surrounding landscape;</p>	<p>The proposed 40m monopole has been sited to maintain the primary use of the land whilst considering the visual impact to the surrounding area. The site carefully considered environmental and visual constraints, existing and future land use characteristics, the orderly planning of the area and the design of the facility. On balance, it is considered that the location and height of the facility ensures optimal service provision to the area whilst minimizing any perceived visual impact. The monopole will remain unpainted (dull grey colour), which has over time been demonstrated to most successfully blend with the uniform colours of the site's setting.</p>	<p>✓</p>
<p>Be located where it will facilitate continuous network coverage and/or improved telecommunications services to the community;</p>	<p>Telstra wish to establish a new mobile telecommunication base station facility in the area to provide the community with a far greater choice of mobile carrier services, as part of the Mobile Black Spot Program. As such, the facility will provide improved coverage to the surrounding area.</p>	<p>✓</p>
<p>Telecommunications infrastructure should be co-located and whenever possible: Cables and lines should be located within an existing underground conduit or duct; and Overhead lines and towers should be co-located with existing infrastructure and/or within an existing infrastructure corridor and/or mounted on existing or proposed buildings.</p>	<p>As per Section 7 of this report, no opportunities for co-location were identified in the area and as such it has been identified that the proposed Telstra site location is seen as the preferred site location.</p> <p>As this is a greenfield site there is no option to utilise existing underground conduit or ducts.</p> <p>Overhead lines are not applicable to this application.</p>	<p>✓</p>



10.0 Local Regulatory Framework

The following information provides a summary of the Local provisions relevant to telecommunications development proposals.

10.1 Shire of Dardanup Local Planning Scheme No. 3

The *Shire of Dardanup Local Planning Scheme No. 3* provides the legal basis for planning in the Shire of Dardanup Local Government Area.

The proposed site and surrounding areas are zoned 'General Farming' as shown in **Figure 4** below.

The Shire of Dardanup Local Planning Scheme defines 'Communications Infrastructure' as being:

land used to accommodate any part of the infrastructure of a communications network and includes any line, equipment, apparatus, tower, antenna, tunnel, duct, hole, pit or other structure used, or for use in or in connection with, a communications network (such as telecommunications, radio, television);

For the purposes of this proposal the Principal Designated Use of the property is 'Rural'.

Telecommunications infrastructure is listed as a 'D' activity in the General Farming on the zoning table, meaning that the use is not permitted unless the local government has exercised its discretion by granting development approval.

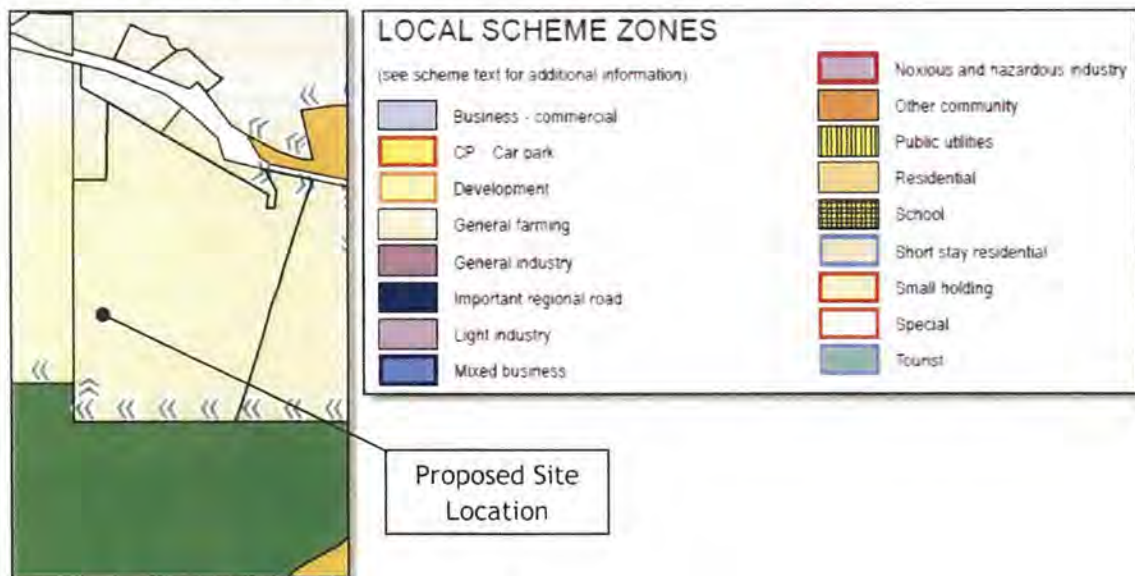


Figure 4: Zoning Map 1 (Shire of Dardanup Local Planning Scheme No 3) (Source: Dept. of Planning)

The proposal has been sited to retain the land for its current use, and minimise visual impact. The detailed siting has been undertaken with direction from the land owner to ensure the primary use of the land and any potential future use of surrounding land is not negatively impacted upon.

Overall the proposed development application is consistent with the intent and requirements of Western Australian Planning Commission SSP 5.2 and the Shire of Dardanup Local Planning Scheme No 3.



11.0 General Provisions

This proposal is for the establishment of a Telstra Mobile Base Station Facility in the Wellington Mill area.

Telstra considers that the proposal is appropriate for the locality, given the 'General Farming' zoning of the proposed site and the nature of existing and anticipated uses of surrounding land. There will be no impact towards the natural and built environment(s) within the direct vicinity of the proposed site.

Environmental considerations such as visual impact, heritage, flora and fauna, traffic, flooding, bushfire, social and economic aspects, health and safety have been discussed within the below sub sections

11.1 Visual Impacts

The site has been identified as being located within the Landscape Protection Area. In this regard, the detailed siting and design of the proposed facility has taken this into consideration in conjunction with the provision set out under Section 5.2 of the Shire of Dardanup Local Planning Scheme No 3.

Telstra has selected a site and location that seeks to minimise any perceived negative impacts on the visual amenity of the area, particularly when viewed from surrounding areas. The proposed subject site maintains suitable separation distance to surrounding residential areas and transport corridors.

The site carefully considered environmental and visual constraints, existing and future land use characteristics, the orderly planning of the area and the design of the facility.

The proposed Telstra site has been located and designed to minimise any adverse impact on the amenity of the surrounding area. The site has been located over 500m from the nearest road corridor, over 400m from the nearest neighbouring residential dwelling and is set within an area currently cleared of mature vegetation, yet with large trees surrounding the perimeter. As such, it is considered that the siting and design effectively responds to the landscape setting in the area.

On balance, it is considered that the location and height of the facility ensures optimal service provision to the area whilst minimizing any perceived visual impact.

11.2 Heritage

In order to determine any possible natural or cultural values of state or national significance associated with the site, a search was conducted through the relevant Heritage Registers.

No sites of Aboriginal Heritage significance were identified within the subject land holding or surrounding area.

11.3 Flora and Fauna

In order to determine any possible natural Flora and Fauna significance associated with the site, a search was conducted through the relevant environmental searches.

Searches identified the potential of 11 threatened and 8 migratory species of Flora and Fauna significance located in the vicinity of the proposed site. See **Appendix G** – Environment Analysis Report for further information.

As per drawings S1, only two items of vegetation are proposed to be removed as part of this proposal to ensure that adequate access to the site is achievable. It is expected that this minor clearing will not impact on the aforementioned flora and fauna or impact the visual perceptions of the site

The site is not located in an area of environmental significance as defined by The *Telecommunications (Low-Impact Facilities) Determination 1997*.



11.4 Traffic

Mobile phone base stations are not a significant generator of pedestrian or vehicular traffic.

The site will be visited on a quarterly basis throughout the year for maintenance purposes.

During the construction phase various vehicles will be used to deliver equipment and construct the Telstra Mobile Base Station Facility. Any traffic impacts associated with construction and establishment will be of a short-term duration (i.e. approximately five weeks over non-consecutive periods) and are not anticipated to adversely impact on the surrounding road network.

Adequate parking will be available on site for these vehicles and these movements would not impact the local traffic.

Traffic from this construction would only occur from the hours of 7am to 6pm. If a road closure is required for the erection and installation of equipment, the appropriate approvals will be obtained from the Department of Transport (DOT).

The mobile base station facility is unmanned would require maintenance checks approximately 3-4 times per year as required. Routine maintenance would involve one vehicle per visit and parking would be available close to the proposed site for this purpose.

11.5 Access

Access to the proposed site will be via the existing property crossover off Wellington Mill Road. In this regard, there is no requirement for special access to the site. (Refer to **Appendix B – Proposal Plans (S1)** for more information)

The proposed site access is considered to be appropriate given the Telstra facility will not be a significant generator of traffic. Once operational, the facility will require maintenance visits approximately 3-4 times per year as required, but will remain unattended at all other times. As the facility generates minimal visits per year, it is considered that traffic interference will be negligible.

During the construction phase various vehicles will be used to deliver equipment and construct the Telstra Mobile Base Station Facility. Any traffic impacts associated with construction and establishment will be of a short-term duration (i.e. approximately five weeks over non-consecutive periods) and are not anticipated to adversely impact on the surrounding road network. Adequate parking would be available in the vicinity for vehicles used during construction and these movements would not impact local traffic. In the unlikely event that road closure is required Telstra will apply to the relevant authorities for permission.

11.6 Utilities

An application has been made to the local utility company confirming route and availability of power supply for this site. The proposed site does not require any additional permits for the connection of a sewer/roadway.

11.7 Construction

The construction of the mobile base station will take approximately five weeks over non-consecutive periods, subject to weather.

Noise and vibration emissions associated with the Telstra Mobile Base Station Facility will be limited to the construction phase. Noise generated during the construction phase will be of short duration and will be in accordance with the standards outlined in the Environmental Protection (Noise) Regulations 1997. Construction works will only occur between the hours of 7am and 6pm.

There will be some low level noise from the ongoing operation of air conditioning equipment associated with the equipment shelter, once installed. Noise emanating from the air conditioning equipment is at a



comparable level to a domestic air conditioning installation, and will generally accord with the background noise levels prescribed by Australian Standard AS1055.

The proposed site is appropriately setback from residential properties so that the noise related impacts will be negligible.

11.8 Bushfire

The specific site location is identified as a Bush Fire Prone Area by the Fire and Emergency Services Commissioner (See Figure 5).



Figure 5 – Bushfire Prone Areas Mapping (Source DFES Slip Mapping)

Natural disasters, including the continuing threat of bushfires, have served to highlight the critical importance of effective telecommunications. Previous bushfire incident reviews have demonstrated effective telecommunications networks are essential for disaster response management, allowing emergency services providers to be alerted to medical or fire emergencies.

In its Communications Report 2014-2015 the Australian Communications and Media Authority reported that in 2014 -15, 66.9% of calls to the 000 emergency number were made from mobile phones. As such, in addition to day-to-day personal and business applications, effective telecommunications networks can be the difference between life and death in disaster situations.

The entirety of the facility will be earthed in accordance with the Australian Standard. Earthing draws any the strike underground away from combustible material. It is submitted that contrary to being a risk factor for fires, the site in this case could reduce the risk of lightning strike causing fires, by attracting the strike and earthing it underground.

The State Planning Policy 3.7 provides the foundation for land use planning to address bushfire risk management in Western Australia. Notwithstanding the Department of Planning updated [Planning Bulletin 111/2016](#) to clarify that for telecommunications infrastructure, SPP 3.7 should be applied pragmatically.

The Planning Bulletin states:

“Exemptions from the requirements of SPP 3.7 and the deemed provisions should be applied pragmatically by the decision maker. If the proposal does not result in the intensification of development (or land use), does not result in an increase of residents or employees; or does not involve the occupation of employees on site for any considerable amount of time, then there may not be any



practicable reason to require a BAL Assessment. Exemptions may apply to infrastructure including roads, telecommunications and dams; and to rural activities, including piggeries and chicken farms which do not involve employees on site for a considerable amount of time."

With respect to the above, Visionstream on behalf of Telstra believes that all necessary design measures have been undertaken to ensure the facility does not increase or affect the bushfire risk to the area.

11.9 Health and Safety

Telstra acknowledges some people are genuinely concerned about the possible health effects of electromagnetic energy (EME) from mobile phone base stations and is committed to addressing these concerns responsibly.

Telstra, along with the other mobile phone carriers, must strictly adhere to Commonwealth Legislation and regulations regarding mobile phone facilities and equipment administered by the Australian Communications and Media Authority (ACMA).

In 2003 the ACMA adopted a technical standard for continuous exposure of the general public to RF EME from mobile base stations. The standard, known as the *Radiocommunications (Electromagnetic Radiation – Human Exposure) Standard 2003*, was prepared by the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) and is the same as that recommended by ICNIRP (International Commission for Non- Ionising Radiation Protection), an agency associated with the World Health Organisation (WHO). Mobile carriers must comply with the Australian Standard on exposure to EME set by the ACMA.

The Standard operates by placing a limit on the strength of the signal (or RF EME) that Telstra can transmit to and from any network base station. The general public health standard is not based on distance limitations, or the creation of "buffer zones". The environmental standard restricts the signal strength to a level low enough to protect everyone at all times. It has a significant safety margin, or precautionary approach, built into it.

In order to demonstrate compliance with the standard, ARPANSA created a prediction report using a standard methodology to analyse the maximum potential impact of any new telecommunications facility. Carriers are obliged to undertake this analysis for each new facility and make it publicly available.

Importantly, the ARPANSA-created compliance report demonstrates the maximum signal strength of a proposed facility, assuming that it's handling the maximum number of user's 24-hours a day.

In this way, ARPANSA requires network carriers to demonstrate the greatest possible impact that a new telecommunications facility could have on the environment, to give the community greater peace of mind. In reality, base stations are designed to operate at the lowest possible power level to accommodate only the number of customers using the facility at any one time. This design function is called "adaptive power control" and ensures that the base station operates at minimum, not maximum, power levels at all times.

Using the ARPANSA standard methodology, Telstra is required to complete and make available an EME report which predicts the maximum environmental EME level the facility will emit. Telstra has undertaken a compliance report that predicts the maximum levels of radiofrequency EME from the proposed installation at Lot 5 Wellington Mill Road, Wellington Mill to be 0.25% of the public exposure limit. The maximum environmental EME level predicted from this proposed facility is substantially within the allowable limit under the ARPANSA standard.

Refer to the EME Report attached at Appendix C.

Telstra relies on the expert advice of national and international health authorities such as the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) and the World Health Organisation (WHO) for overall assessments of health and safety impacts.

The WHO advises that all expert reviews on the health effects of exposure to radiofrequency fields have concluded that no adverse health effects have been established from exposure to radiofrequency fields at levels below the international safety guidelines that have been adopted in Australia.



Telstra has strict procedures in place to ensure its mobile phones and base stations comply with these guidelines. Compliance with all applicable EME standards is part of Telstra's responsible approach to EME and mobile phone technology.

12.0 Conclusion

This application is a direct result of the community's requests for reliable telecommunications to be provided to Wellington Mill and surrounding areas.

There is strong State policy support for telecommunications facilities if, when balancing improved telecommunications services with environmental impacts; including for example, visual impact and flood or fire hazard, a particular proposal provides a net community benefit.

The proposed works provide the community with reliable 4G access which in turn supports the various rural and tourist industries in the region and forms part of a wider plan to ensure reliable and accessible coverage during emergency situations such as bush fires.

The proposed telecommunications facility will form an integral component in Telstra's national 4GX network. This 4G service brings higher speeds and extra 4G coverage to a range of communities across the nation. 4GX will include services provided over Telstra's new 700MHz spectrum and deliver higher typical mobile speeds on compatible devices, allowing more Australians to experience more reliable connections and ultra-fast mobile internet.

Telstra have undertaken an assessment of the relevant matters as required by the Telecommunications Act 1997, State Legislation and the Shire of Dardanup Local Planning Scheme No. 3. The proposal is considered appropriate in light of the relevant legislative, environmental, technical, radio coverage and public safety requirements.

The assessment of the proposal demonstrates that the proposal represents sound and proper town planning and it is respectfully requested that consent is granted for this development application.

Should Council have any further queries regarding the subject application, please do not hesitate to contact the nominated representative outlined within this document.

For further information on the Mobile Black Spot Program, including coverage and site specific information, please head to <https://www.telstra.com.au/coverage-networks/mobile-black-spot-program>.



Appendix A – Certificate of Title

WESTERN



AUSTRALIA

REGISTER NUMBER 5/D87841	
DUPLICATE EDITION: 2	DATE DUPLICATE ISSUED: 29/12/2006

RECORD OF CERTIFICATE OF TITLE
UNDER THE TRANSFER OF LAND ACT 1893

VOLUME **2180** FOLIO **171**

The person described in the first schedule is the registered proprietor of an estate in fee simple in the land described below subject to the reservations, conditions and depth limit contained in the original grant (if a grant issued) and to the limitations, interests, encumbrances and notifications shown in the second schedule.

REGISTRAR OF TITLES



LAND DESCRIPTION:

LOT 5 ON DIAGRAM 87841

REGISTERED PROPRIETOR:
(FIRST SCHEDULE)

JOHN JOSEPH CALLAGHAN
SONJA CALLAGHAN
BOTH OF 62 RIVERLANDS DRIVE, MANDURAH
AS JOINT TENANTS IN 1/3 SHARE
NATHAN JOSEPH CALLAGHAN OF 62 RIVERLANDS DRIVE, MANDURAH
IN 1/3 SHARE
VAUGHAN GALBRAITH
JANINE SUSAN GALBRAITH
BOTH OF 12 CURRIE STREET, WAIKIKI
AS JOINT TENANTS IN 1/3 SHARE
AS TENANTS IN COMMON

(T K028309) REGISTERED 18 DECEMBER 2006

LIMITATIONS, INTERESTS, ENCUMBRANCES AND NOTIFICATIONS:
(SECOND SCHEDULE)

1. THE LAND THE SUBJECT OF THIS CERTIFICATE OF TITLE EXCLUDES ALL PORTIONS OF THE LOT DESCRIBED ABOVE EXCEPT THAT PORTION SHOWN IN THE SKETCH OF THE SUPERSEDED PAPER VERSION OF THIS TITLE. VOL 2180 FOL 171.

Warning: A current search of the sketch of the land should be obtained where detail of position, dimensions or area of the lot is required.
* Any entries preceded by an asterisk may not appear on the current edition of the duplicate certificate of title.
Lot as described in the land description may be a lot or location.

-----END OF CERTIFICATE OF TITLE-----

STATEMENTS:

The statements set out below are not intended to be nor should they be relied on as substitutes for inspection of the land and the relevant documents or for local government, legal, surveying or other professional advice.

SKETCH OF LAND: 2180-171 (5/D87841).
PREVIOUS TITLE: 2035-588.
PROPERTY STREET ADDRESS: NO STREET ADDRESS INFORMATION AVAILABLE.

END OF PAGE 1 - CONTINUED OVER

RECORD OF CERTIFICATE OF TITLE

REGISTER NUMBER: 5/D87841

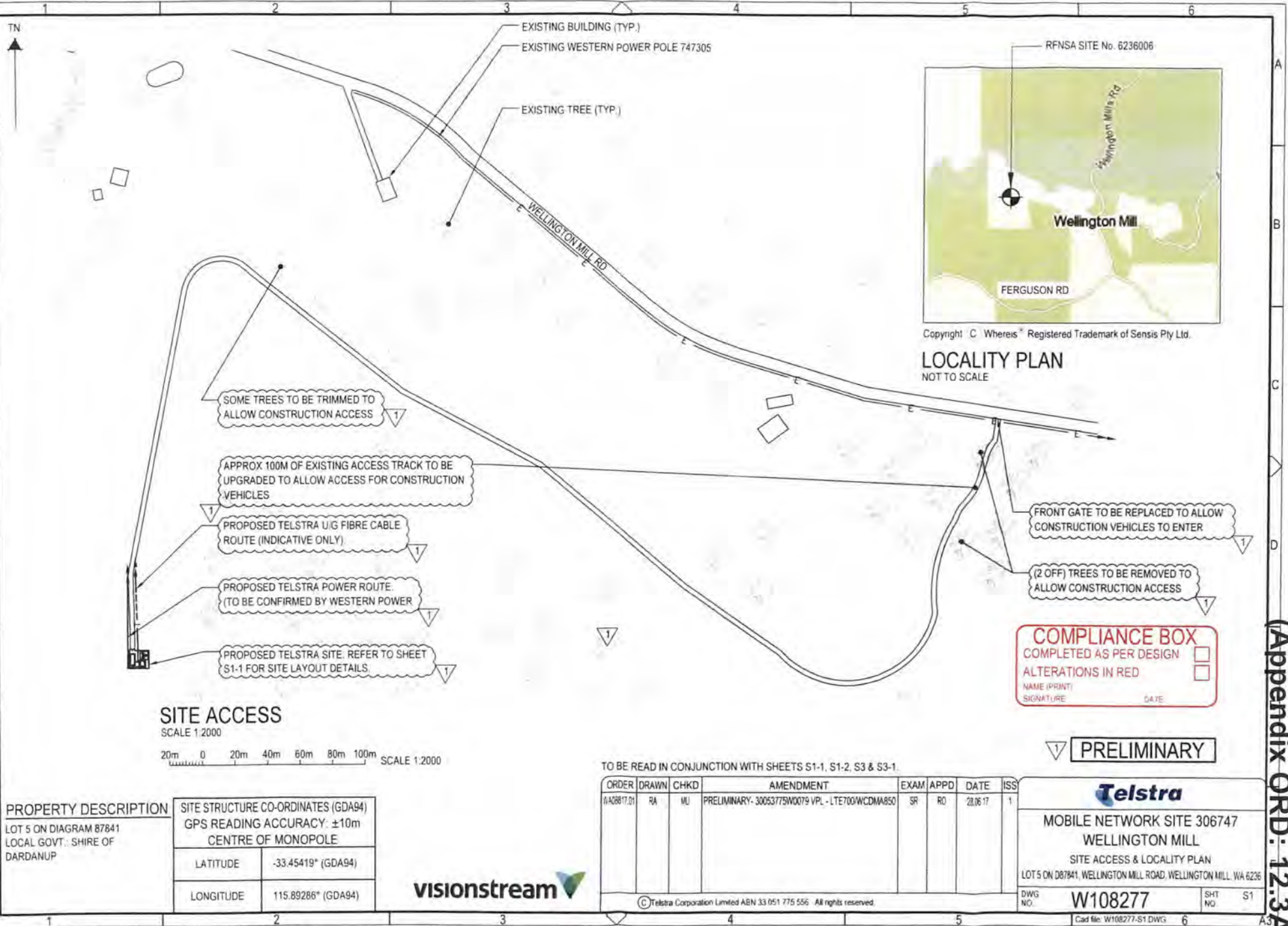
VOLUME/FOLIO: 2180-171

PAGE 2

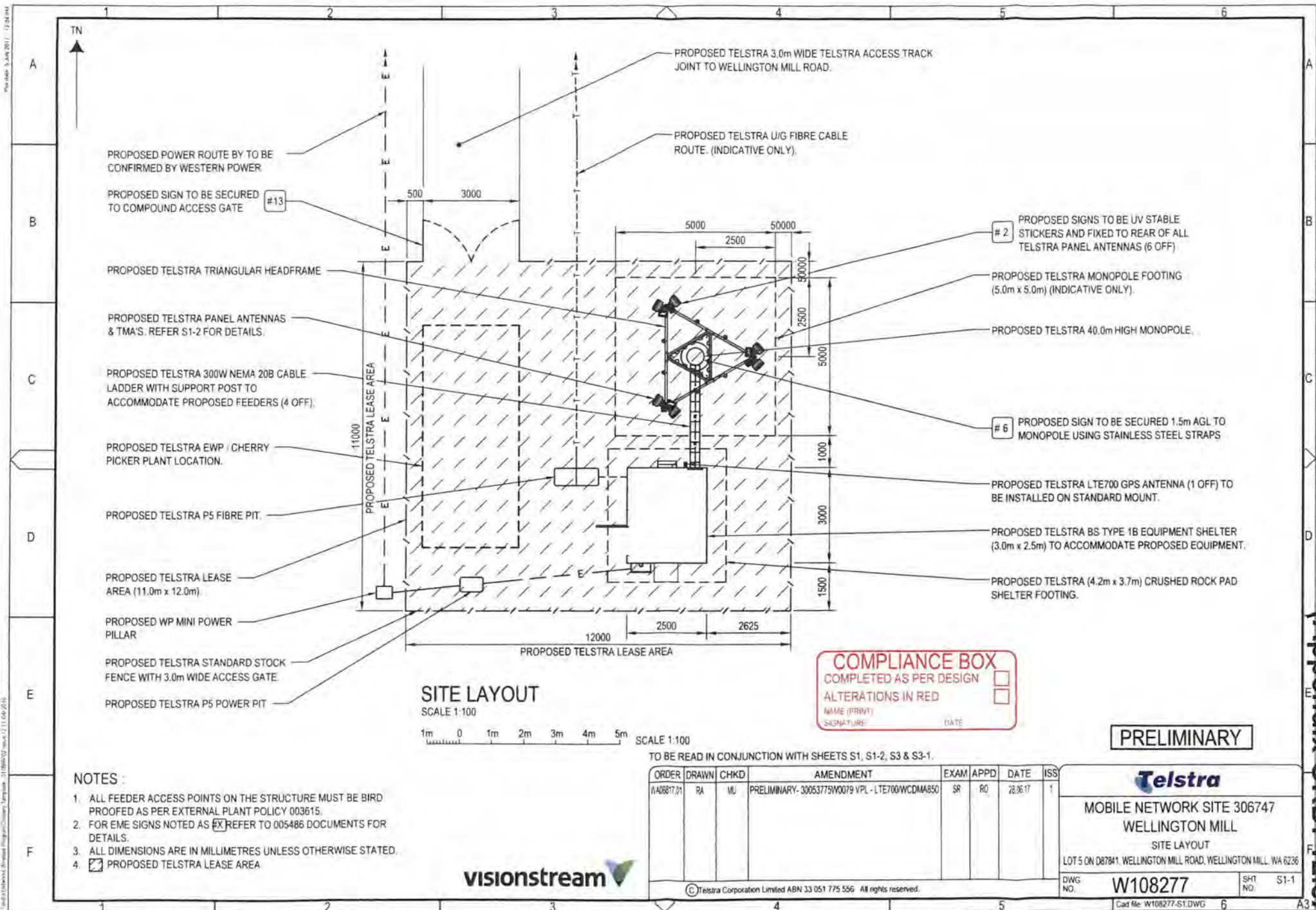
LOCAL GOVERNMENT AREA: SHIRE OF DARDANUP.



Appendix B – Plans of the Proposal



(Appendix ORD: 12.3A)



SITE LAYOUT

SCALE 1:100
 1m 0 1m 2m 3m 4m 5m SCALE 1:100

COMPLIANCE BOX
 COMPLETED AS PER DESIGN
 ALTERATIONS IN RED
 NAME (PRINT) _____
 SIGNATURE _____ DATE _____

PRELIMINARY

- NOTES :**
1. ALL FEEDER ACCESS POINTS ON THE STRUCTURE MUST BE BIRD PROOFED AS PER EXTERNAL PLANT POLICY 003615.
 2. FOR EME SIGNS NOTED AS #X REFER TO 005486 DOCUMENTS FOR DETAILS.
 3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 4. PROPOSED TELSTRA LEASE AREA



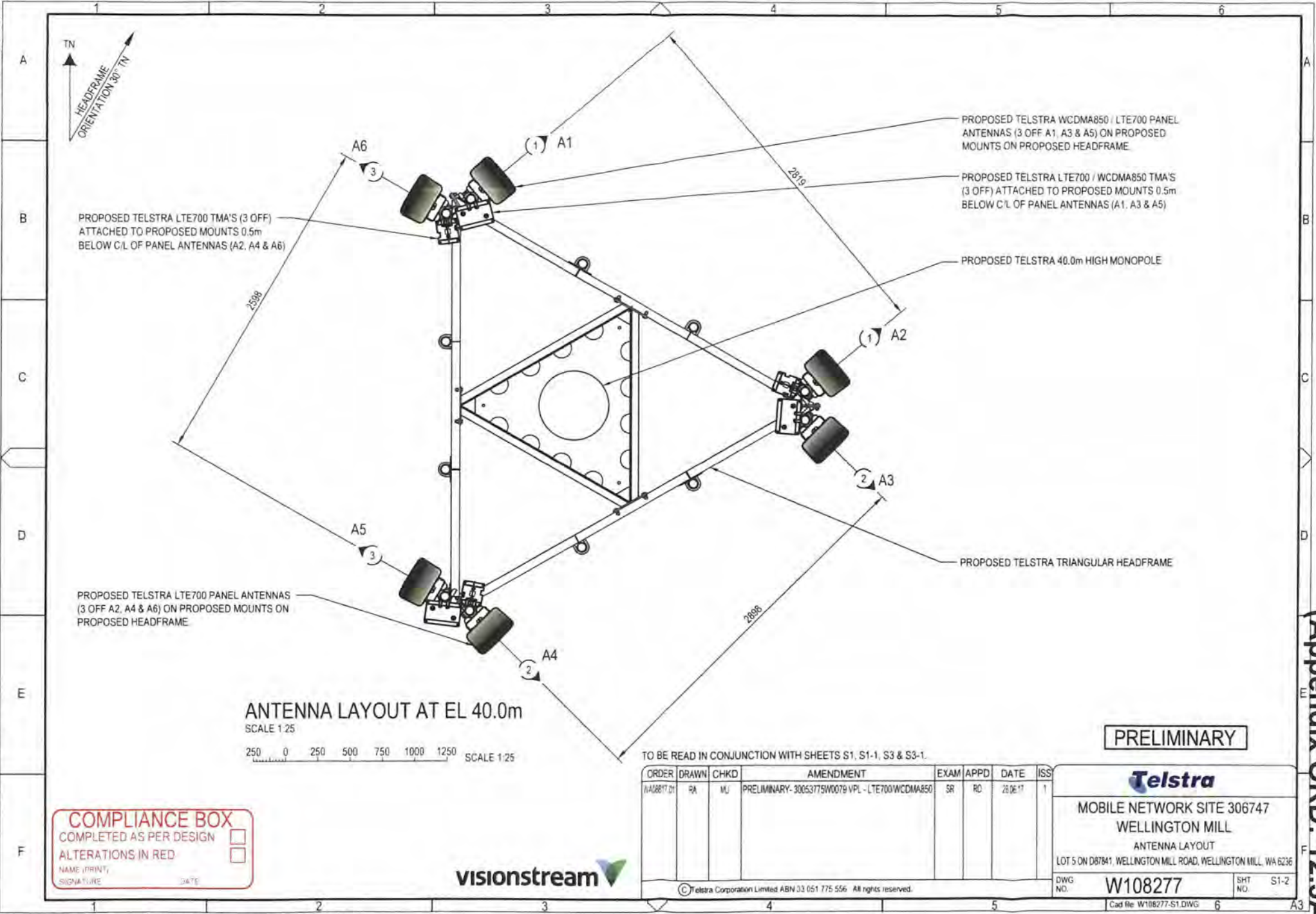
TO BE READ IN CONJUNCTION WITH SHEETS S1, S1-2, S3 & S3-1.

ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
W108277.01	RA	MU	PRELIMINARY- 30053775W0079 VPL - LTE700/WCDMA/B50	SR	RO	28.06.17	1

Telstra
MOBILE NETWORK SITE 306747
WELLINGTON MILL
 SITE LAYOUT
 LOT 5 ON D87841, WELLINGTON MILL ROAD, WELLINGTON MILL, WA 6236
 DWG NO. **W108277** SHT NO. S1-1
 Cat file: W108277-S1.DWG

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Appendix ORD: 12.3A)



PROPOSED TELSTRA LTE700 TMA'S (3 OFF) ATTACHED TO PROPOSED MOUNTS 0.5m BELOW C/L OF PANEL ANTENNAS (A2, A4 & A6)

PROPOSED TELSTRA WCDMA850 / LTE700 PANEL ANTENNAS (3 OFF A1, A3 & A5) ON PROPOSED MOUNTS ON PROPOSED HEADFRAME.

PROPOSED TELSTRA LTE700 / WCDMA850 TMA'S (3 OFF) ATTACHED TO PROPOSED MOUNTS 0.5m BELOW C/L OF PANEL ANTENNAS (A1, A3 & A5)

PROPOSED TELSTRA 40.0m HIGH MONOPOLE

PROPOSED TELSTRA TRIANGULAR HEADFRAME

PROPOSED TELSTRA LTE700 PANEL ANTENNAS (3 OFF A2, A4 & A6) ON PROPOSED MOUNTS ON PROPOSED HEADFRAME.

ANTENNA LAYOUT AT EL 40.0m

SCALE 1:25
250 0 250 500 750 1000 1250 SCALE 1:25

TO BE READ IN CONJUNCTION WITH SHEETS S1, S1-1, S3 & S3-1.

PRELIMINARY

COMPLIANCE BOX
COMPLETED AS PER DESIGN
ALTERATIONS IN RED
NAME (PRINT) _____
SIGNATURE _____ DATE _____



ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
W108277-01	RA	MJ	PRELIMINARY- 30053775W0079 VPL - LTE700/WCDMA850	SR	RD	28.06.11	1

Telstra
MOBILE NETWORK SITE 306747
WELLINGTON MILL
ANTENNA LAYOUT
LOT 5 ON D87841, WELLINGTON MILL ROAD, WELLINGTON MILL, WA 6236
DWG NO. **W108277** SHT NO. S1-2

Appendix ORD: 12.3(A)

PROPOSED SIGNS TO BE UV STABLE STICKERS AND FIXED TO REAR OF ALL TELSTRA PANEL ANTENNAS (6 OFF) # 2

PROPOSED TELSTRA WCDMA850 / LTE700 PANEL ANTENNAS (3 OFF, A1, A3 & A5) ON PROPOSED MOUNTS ON PROPOSED HEADFRAME

PROPOSED TELSTRA LTE700 / WCDMA850 TMA'S (3 OFF) ATTACHED TO PROPOSED MOUNTS 0.5m BELOW C/L OF PANEL ANTENNAS (A1, A3 & A5)

PROPOSED TELSTRA TRIANGULAR HEADFRAME

▽ E.L. 41.3m (±100mm) R.L. 723.3m A.H.D. OVERALL HEIGHT

▽ E.L. 40.0m (±100mm) R.L. 722.0m A.H.D. C/L PROPOSED TELSTRA PANEL ANTENNAS (6 OFF, A1, A2, A3, A4, A5 & A6)

PROPOSED TELSTRA LTE700 PANEL ANTENNAS (3 OFF, A2, A4 & A6) ON PROPOSED MOUNTS ON PROPOSED HEADFRAME

PROPOSED TELSTRA LTE700 TMA'S (3 OFF) ATTACHED TO PROPOSED MOUNTS 0.5m BELOW C/L OF PANEL ANTENNAS (A2, A4 & A6)

NOTES:

1. ALL FEEDER ACCESS POINTS ON THE STRUCTURE MUST BE BIRD PROOFED AS PER EXTERNAL PLANT POLICY 003615.
2. FOR EME SIGNS NOTED AS #X REFER TO 005486 DOCUMENTS FOR DETAILS
3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.

COMPLIANCE BOX
 COMPLETED AS PER DESIGN
 ALTERATIONS IN RED
 NAME (PRINT) _____
 SIGNATURE _____ DATE _____

PROPOSED TELSTRA 40.0m HIGH MONOPOLE

PROPOSED TELSTRA FEEDERS LCF78-50JA (12 OFF) TO RUN INTERNALLY WITHIN MONOPOLE

PROPOSED TELSTRA 300mm NEMA 208 WIDE CABLE LADDER WITH SUPPORT POSTS TO ACCOMMODATE PROPOSED FEEDERS.

PROPOSED TELSTRA LTE700 GPS ANTENNA (1 OFF) ON STANDARD MOUNT

PROPOSED TELSTRA BS TYPE 1B EQUIPMENT SHELTER (3.0m x 2.5m) TO ACCOMMODATE PROPOSED EQUIPMENT

PROPOSED SIGN TO BE SECURED 1.5m AGL TO MONOPOLE # 6

PROPOSED WP MINI POWER POLE

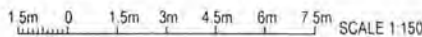
▽ E.L. 0.00m (±100mm) R.L. 692.0m A.H.D. GROUND LEVEL

PROPOSED TELSTRA POWER ROUTE TO BE CONFIRMED BY WESTERN POWER

PROPOSED TELSTRA U/G FIBRE CABLE ROUTE. (INDICATIVE ONLY)

WEST ELEVATION

SCALE 1:150



PROPOSED TELSTRA (4.2m x 3.7m) CRUSHED ROCK PAD SHELTER FOOTING.

PROPOSED TELSTRA P5 POWER PIT.

PROPOSED TELSTRA P5 FIBRE PIT.

PROPOSED TELSTRA MONOPOLE FOOTING (5.0m x 5.0m) (INDICATIVE ONLY)

PRELIMINARY

TO BE READ IN CONJUNCTION WITH SHEETS S1, S1-1, S1-2 & S3-1.

ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
140388701	RA	ML	PRELIMINARY-30053775W0079 VPL - LTE700/WCDMA850	SR	RO	28/06/17	1

Telstra
 MOBILE NETWORK SITE 306747
 WELLINGTON MILL
 WEST ELEVATION
 LOT 5 ON D87841, WELLINGTON MILL ROAD, WELLINGTON MILL, WA 6236



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DWG NO. **W108277** SHT NO. **S3**

Cad file: W108277-S1.DWG

TELSTRA ANTENNA CONFIGURATION TABLE					
ANTENNA No	ANTENNA TYPE & SIZE H x W x D	ANTENNA ACTION REQUIRED	ANTENNA HEIGHT C/L A.G.L.	ANTENNA BEARING (x°T)	SECTOR NO. & TECHNOLOGY
A1	ARGUS RPX310B-T2 PANEL 2533 x 350 x 208mm	INSTALL	40.0m	50°	S1: LTE700 / S1: WCDMA850 S1: LTE700 / S1: WCDMA850
A2	ARGUS RPX310B-T2 PANEL 2533 x 350 x 208mm	INSTALL	40.0m	50°	S1: LTE700 S1: LTE700
A3	ARGUS RPX310B-T2 PANEL 2533 x 350 x 208mm	INSTALL	40.0m	135°	S2: LTE700 / S2: WCDMA850 S2: LTE700 / S2: WCDMA850
A4	ARGUS RPX310B-T2 PANEL 2533 x 350 x 208mm	INSTALL	40.0m	135°	S2: LTE700 S2: LTE700
A5	ARGUS RPX310B-T2 PANEL 2533 x 350 x 208mm	INSTALL	40.0m	300°	S3: LTE700 / S3: WCDMA850 S3: LTE700 / S3: WCDMA850
A6	ARGUS RPX310B-T2 PANEL 2533 x 350 x 208mm	INSTALL	40.0m	300°	S3: LTE700 S3: LTE700
A200	GPS ANTENNA KRE 101 2062/1 Ø68 x 96	INSTALL	BASE OF GPS 3.0m	0°	-

COMPLIANCE BOX	
COMPLETED AS PER DESIGN	<input type="checkbox"/>
ALTERATIONS IN RED	<input type="checkbox"/>
NAME (PRINT)	
SIGNATURE	DATE

PRELIMINARY

TO BE READ IN CONJUNCTION WITH SHEETS S1, S1-1, S1-2 & S3.

ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
W108277-01	RA	ML	PRELIMINARY- 30053775W0079 VPL - LTE700/WCDMA850	SR	RO	28.06.17	1

MOBILE NETWORK SITE 306747 WELLINGTON MILL	
ANTENNA CONFIGURATION TABLE	
LOT 5 ON D87841, WELLINGTON MILL ROAD, WELLINGTON MILL WA 6236	
DWG NO	SHT NO
W108277	S3-1



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5 Cad file: W108277-01 DWG

6 A3V



Appendix C – Environmental EME Report



Environmental EME Report
Lot 5 Wellington Mill Road, WELLINGTON MILL WA 6236

This report provides a summary of Calculated RF EME Levels around the wireless base station

Date 8/6/2017

RFNSA Site No. 6236006

Introduction

The purpose of this report is to provide calculations of EME levels from the existing facilities at the site and any proposed additional facilities.

This report provides a summary of levels of radiofrequency (RF) electromagnetic energy (EME) around the wireless base station at Lot 5 Wellington Mill Road WELLINGTON MILL WA 6236. These levels have been calculated by Telstra using methodology developed by the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA).

The maximum EME level calculated for the proposed systems at this site is 0.25% of the public exposure limit.

The ARPANSA Standard

ARPANSA, an Australian Government agency in the Health and Ageing portfolio, has established a Radiation Protection Standard specifying limits for general public exposure to RF transmissions at frequencies used by wireless base stations. The Australian Communications and Media Authority (ACMA) mandates the exposure limits of the ARPANSA Standard.

How the EME is calculated in this report

The procedure used for these calculations is documented in the ARPANSA Technical Report "Radio Frequency EME Exposure Levels - Prediction Methodologies" which is available at <http://www.arpansa.gov.au>.

RF EME values are calculated at 1.5m above ground at various distances from the base station, assuming level ground.

The estimate is based on worst-case scenario, including:

- wireless base station transmitters for mobile and broadband data operating at maximum power
- simultaneous telephone calls and data transmission
- an unobstructed line of sight view to the antennas.

In practice, exposures are usually lower because:

- the presence of buildings, trees and other features of the environment reduces signal strength
- the base station automatically adjusts transmit power to the minimum required.

Maximum EME levels are estimated in 360° circular bands out to 500m from the base station.

These levels are cumulative and take into account emissions from all wireless base station antennas at this site.

The EME levels are presented in three different units:

- volts per metre (V/m) – the electric field component of the RF wave
- milliwatts per square metre (mW/m²) – the power density (or rate of flow of RF energy per unit area)
- percentage (%) of the ARPANSA Standard public exposure limit (the public exposure limit = 100%).

Results

The maximum EME level calculated for the proposed systems at this site is 1.93 V/m; equivalent to 9.89 mW/m² or 0.25% of the public exposure limit.

Radio Systems at the Site

There are currently no existing radio systems for this site.

It is proposed that this base station will have equipment for transmitting the following services:

Carrier	Radio Systems
Telstra	WCDMA850 (proposed), LTE700 (proposed)

Calculated EME Levels

This table provides calculations of RF EME at different distances from the base station for emissions from existing equipment alone and for emissions from existing equipment and proposed equipment combined.

Distance from the antennas at Lot 5 Wellington Mill Road in 360° circular bands	Maximum Cumulative EME Level at 1.5m above ground – all carriers at this site					
	Existing Equipment			Proposed Equipment		
	Electric Field V/m	Power Density mW/m ²	% ARPANSA exposure limits	Electric Field V/m	Power Density mW/m ²	% ARPANSA exposure limits
0m to 50m				0.51	0.7	0.018%
50m to 100m				0.72	1.36	0.035%
100m to 200m				1.8	8.64	0.22%
200m to 300m				1.93	9.89	0.25%
300m to 400m				1.77	8.33	0.21%
400m to 500m				1.39	5.16	0.13%
Maximum EME level				1.93	9.89	0.25
	241.37 m from the antennas at Lot 5 Wellington Mill Road					

Calculated EME levels at other areas of interest

This table contains calculations of the maximum EME levels at selected areas of interest that have been identified through the consultation requirements of the Communications Alliance Ltd Deployment Code C564:2011 or via any other means. The calculations are performed over the indicated height range and include all existing and any proposed radio systems for this site.

Additional Locations	Height / Scan relative to location ground level	Maximum Cumulative EME Level All Carriers at this site Existing and Proposed Equipment		
		Electric Field V/m	Power Density mW/m ²	% of ARPANSA exposure limits
1 No locations identified				

RF EME Exposure Standard

The calculated EME levels in this report have been expressed as percentages of the ARPANSA RF Standard and this table shows the actual RF EME limits used for the frequency bands available. At frequencies below 2000 MHz the limits vary across the band and the limit has been determined at the Assessment Frequency indicated. The four exposure limit figures quoted are equivalent values expressed in different units – volts per metre (V/m), watts per square metre (W/m²), microwatts per square centimetre (µW/cm²) and milliwatts per square metre (mW/m²). Note: 1 W/m² = 100 µW/cm² = 1000 mW/m².

Radio Systems	Frequency Band	Assessment Frequency	ARPANSA Exposure Limit (100% of Standard)
LTE 700	758 – 803 MHz	750 MHz	37.6 V/m = 3.75 W/m ² = 375 µW/cm ² = 3750 mW/m ²
WCDMA850	870 – 890 MHz	900 MHz	41.1 V/m = 4.50 W/m ² = 450 µW/cm ² = 4500 mW/m ²
GSM900, LTE900, WCDMA900	935 – 960 MHz	900 MHz	41.1 V/m = 4.50 W/m ² = 450 µW/cm ² = 4500 mW/m ²
GSM1800, LTE1800	1805 – 1880 MHz	1800 MHz	58.1 V/m = 9.00 W/m ² = 900 µW/cm ² = 9000 mW/m ²
LTE2100, WCDMA2100	2110 – 2170 MHz	2100 MHz	61.4 V/m = 10.00 W/m ² = 1000 µW/cm ² = 10000 mW/m ²
LTE2300	2302 – 2400 MHz	2300 MHz	61.4 V/m = 10.00 W/m ² = 1000 µW/cm ² = 10000 mW/m ²
LTE2600	2620 – 2690 MHz	2600 MHz	61.4 V/m = 10.00 W/m ² = 1000 µW/cm ² = 10000 mW/m ²
LTE3500	3425 – 3575 MHz	3500 MHz	61.4 V/m = 10.00 W/m ² = 1000 µW/cm ² = 10000 mW/m ²

Further Information

The Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) is a Federal Government agency incorporated under the Health and Ageing portfolio. ARPANSA is charged with responsibility for protecting the health and safety of people, and the environment, from the harmful effects of radiation (ionising and non-ionising).

Information about RF EME can be accessed at the ARPANSA website, <http://www.arpansa.gov.au>, including:

- Further explanation of this report in the document "Understanding the ARPANSA Environmental EME Report"
- The procedure used for the calculations in this report is documented in the ARPANSA Technical Report; "Radio Frequency EME Exposure Levels - Prediction Methodologies"
- the current RF EME exposure standard
Australian Radiation Protection and Nuclear Safety Agency (ARPANSA), 2002. 'Radiation Protection Standard: Maximum Exposure Levels to Radiofrequency Fields — 3 kHz to 300 GHz', Radiation Protection Series Publication No. 3, ARPANSA, Yallambie Australia.
[Printed version: ISBN 0-642-79400-6 ISSN 1445-9760] [Web version: ISBN 0-642-79402-2 ISSN 1445-9760]

The Australian Communications and Media Authority (ACMA) is responsible for the regulation of broadcasting, radiocommunications, telecommunications and online content. Information on EME is available at <http://emr.acma.gov.au>

The Communications Alliance Ltd Industry Code C564:2011 'Mobile Phone Base Station Deployment' is available from the Communications Alliance Ltd website, <http://commsalliance.com.au>.

Contact details for the Carriers (mobile phone companies) present at this site and the most recent version of this document are available online at the Radio Frequency National Site Archive, <http://www.rfnsa.com.au>.

Appendix D – Site Photographs



View from proposed facility looking north



View from proposed access track facing south towards facility



View from proposed facility looking east



View from proposed access track facing north



Appendix E – Fact Sheets





Appendix F – Environment Analysis Report (EPBC)



EPBC Act Protected Matters Report

This report provides general guidance on matters of national environmental significance and other matters protected by the EPBC Act in the area you have selected.

Information on the coverage of this report and qualifications on data supporting this report are contained in the caveat at the end of the report.

Information is available about [Environment Assessments](#) and the EPBC Act including significance guidelines, forms and application process details.

Report created: 30/06/17 15:10:21

[Summary](#)

[Details](#)

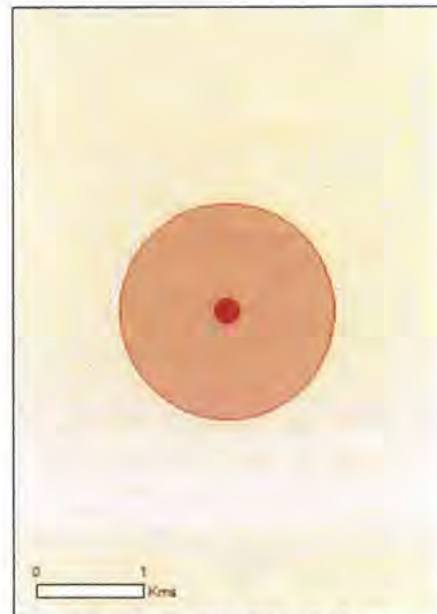
[Matters of NES](#)

[Other Matters Protected by the EPBC Act](#)

[Extra Information](#)

[Caveat](#)

[Acknowledgements](#)



This map may contain data which are
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(Geoscience Australia), ©PSMA 2010

[Coordinates](#)
[Buffer: 1.0Km](#)



Summary

Matters of National Environmental Significance

This part of the report summarises the matters of national environmental significance that may occur in, or may relate to, the area you nominated. Further information is available in the detail part of the report, which can be accessed by scrolling or following the links below. If you are proposing to undertake an activity that may have a significant impact on one or more matters of national environmental significance then you should consider the [Administrative Guidelines on Significance](#).

<u>World Heritage Properties:</u>	None
<u>National Heritage Places:</u>	None
<u>Wetlands of International Importance:</u>	None
<u>Great Barrier Reef Marine Park:</u>	None
<u>Commonwealth Marine Area:</u>	None
<u>Listed Threatened Ecological Communities:</u>	None
<u>Listed Threatened Species:</u>	11
<u>Listed Migratory Species:</u>	8

Other Matters Protected by the EPBC Act

This part of the report summarises other matters protected under the Act that may relate to the area you nominated. Approval may be required for a proposed activity that significantly affects the environment on Commonwealth land, when the action is outside the Commonwealth land, or the environment anywhere when the action is taken on Commonwealth land. Approval may also be required for the Commonwealth or Commonwealth agencies proposing to take an action that is likely to have a significant impact on the environment anywhere.

The EPBC Act protects the environment on Commonwealth land, the environment from the actions taken on Commonwealth land, and the environment from actions taken by Commonwealth agencies. As heritage values of a place are part of the 'environment', these aspects of the EPBC Act protect the Commonwealth Heritage values of a Commonwealth Heritage place. Information on the new heritage laws can be found at <http://www.environment.gov.au/heritage>

A permit may be required for activities in or on a Commonwealth area that may affect a member of a listed threatened species or ecological community, a member of a listed migratory species, whales and other cetaceans, or a member of a listed marine species.

<u>Commonwealth Land:</u>	None
<u>Commonwealth Heritage Places:</u>	None
<u>Listed Marine Species:</u>	12
<u>Whales and Other Cetaceans:</u>	None
<u>Critical Habitats:</u>	None
<u>Commonwealth Reserves Terrestrial:</u>	None
<u>Commonwealth Reserves Marine:</u>	None

Extra Information

This part of the report provides information that may also be relevant to the area you have nominated.

<u>State and Territory Reserves:</u>	1
<u>Regional Forest Agreements:</u>	1
<u>Invasive Species:</u>	20
<u>Nationally Important Wetlands:</u>	None
<u>Key Ecological Features (Marine):</u>	None

Details

Matters of National Environmental Significance

Listed Threatened Species		[Resource Information]
Name	Status	Type of Presence
Birds		
<u>Calidris ferruginea</u> Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
<u>Calyptorhynchus banksii naso</u> Forest Red-tailed Black-Cockatoo, Karrak [67034]	Vulnerable	Species or species habitat likely to occur within area
<u>Calyptorhynchus baudinii</u> Baudin's Cockatoo, Long-billed Black-Cockatoo [769]	Vulnerable	Species or species habitat known to occur within area
<u>Calyptorhynchus latirostris</u> Carnaby's Cockatoo, Short-billed Black-Cockatoo [59523]	Endangered	Breeding likely to occur within area
<u>Numenius madagascariensis</u> Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area
Mammals		
<u>Bettongia penicillata</u> Brush-tailed Bettong, Woylie [213]	Endangered	Species or species habitat may occur within area
<u>Dasyurus geoffroii</u> Chuditch, Western Quoll [330]	Vulnerable	Species or species habitat likely to occur within area
<u>Pseudocheirus occidentalis</u> Western Ringtail Possum, Ngwayir, Womp, Woder, Ngoor, Ngoolangit [25911]	Vulnerable	Species or species habitat known to occur within area
<u>Setonix brachyurus</u> Quokka [229]	Vulnerable	Species or species habitat likely to occur within area
Plants		
<u>Caladenia huegelii</u> King Spider-orchid, Grand Spider-orchid, Rusty Spider-orchid [7309]	Endangered	Species or species habitat may occur within area
<u>Eleocharis keigheryi</u> Keighery's Eleocharis [64893]	Vulnerable	Species or species habitat may occur within area

Listed Migratory Species		[Resource Information]
Name	Threatened	Type of Presence
* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.		
Migratory Marine Birds		

Name	Threatened	Type of Presence
<u>Apus pacificus</u> Fork-tailed Swift [678]		Species or species habitat likely to occur within area
Migratory Terrestrial Species		
<u>Motacilla cinerea</u> Grey Wagtail [642]		Species or species habitat may occur within area
Migratory Wetlands Species		
<u>Actitis hypoleucos</u> Common Sandpiper [59309]		Species or species habitat may occur within area
<u>Calidris acuminata</u> Sharp-tailed Sandpiper [874]		Species or species habitat may occur within area
<u>Calidris ferruginea</u> Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
<u>Calidris melanotos</u> Pectoral Sandpiper [858]		Species or species habitat may occur within area
<u>Numenius madagascariensis</u> Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area
<u>Pandion haliaetus</u> Osprey [952]		Species or species habitat may occur within area

Other Matters Protected by the EPBC Act

Listed Marine Species [Resource Information]

* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.

Name	Threatened	Type of Presence
Birds		
<u>Actitis hypoleucos</u> Common Sandpiper [59309]		Species or species habitat may occur within area
<u>Apus pacificus</u> Fork-tailed Swift [678]		Species or species habitat likely to occur within area
<u>Ardea alba</u> Great Egret, White Egret [59541]		Species or species habitat likely to occur within area
<u>Ardea ibis</u> Cattle Egret [59542]		Species or species habitat may occur within area
<u>Calidris acuminata</u> Sharp-tailed Sandpiper [874]		Species or species habitat may occur within area
<u>Calidris ferruginea</u> Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
<u>Calidris melanotos</u> Pectoral Sandpiper [858]		Species or species habitat may occur within

Name	Threatened	Type of Presence area
<u>Haliaeetus leucogaster</u> White-bellied Sea-Eagle [943]		Species or species habitat may occur within area
<u>Merops ornatus</u> Rainbow Bee-eater [670]		Species or species habitat may occur within area
<u>Motacilla cinerea</u> Grey Wagtail [642]		Species or species habitat may occur within area
<u>Numenius madagascariensis</u> Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area
<u>Pandion haliaetus</u> Osprey [952]		Species or species habitat may occur within area

Extra Information**State and Territory Reserves** [Resource Information]

Name	State
Wellington	WA

Regional Forest Agreements [Resource Information]

Note that all areas with completed RFAs have been included.

Name	State
<u>South West WA RFA</u>	Western Australia

Invasive Species [Resource Information]

Weeds reported here are the 20 species of national significance (WoNS), along with other introduced plants that are considered by the States and Territories to pose a particularly significant threat to biodiversity. The following feral animals are reported: Goat, Red Fox, Cat, Rabbit, Pig, Water Buffalo and Cane Toad. Maps from Landscape Health Project, National Land and Water Resources Audit, 2001.

Name	Status	Type of Presence
Birds		
<u>Anas platyrhynchos</u> Mallard [974]		Species or species habitat likely to occur within area
<u>Columba livia</u> Rock Pigeon, Rock Dove, Domestic Pigeon [803]		Species or species habitat likely to occur within area
<u>Passer domesticus</u> House Sparrow [405]		Species or species habitat likely to occur within area
<u>Passer montanus</u> Eurasian Tree Sparrow [406]		Species or species habitat likely to occur within area
<u>Streptopelia chinensis</u> Spotted Turtle-Dove [780]		Species or species habitat likely to occur within area

Name	Status	(Appendix ORD: 12.3A)
Streptopelia senegalensis Laughing Turtle-dove, Laughing Dove [781]		Species or species habitat likely to occur within area
Mammals		
Canis lupus familiaris Domestic Dog [82654]		Species or species habitat likely to occur within area
Felis catus Cat, House Cat, Domestic Cat [19]		Species or species habitat likely to occur within area
Feral deer Feral deer species in Australia [85733]		Species or species habitat likely to occur within area
Mus musculus House Mouse [120]		Species or species habitat likely to occur within area
Oryctolagus cuniculus Rabbit, European Rabbit [128]		Species or species habitat likely to occur within area
Rattus rattus Black Rat, Ship Rat [84]		Species or species habitat likely to occur within area
Sus scrofa Pig [6]		Species or species habitat likely to occur within area
Vulpes vulpes Red Fox, Fox [18]		Species or species habitat likely to occur within area
Plants		
Asparagus asparagoides Bridal Creeper, Bridal Veil Creeper, Smilax, Florist's Smilax, Smilax Asparagus [22473]		Species or species habitat likely to occur within area
Genista linifolia Flax-leaved Broom, Mediterranean Broom, Flax Broom [2800]		Species or species habitat likely to occur within area
Genista sp. X Genista monspessulana Broom [67538]		Species or species habitat may occur within area
Pinus radiata Radiata Pine Monterey Pine, Insignis Pine, Wilding Pine [20780]		Species or species habitat may occur within area
Rubus fruticosus aggregate Blackberry, European Blackberry [68406]		Species or species habitat likely to occur within area
Salix spp. except S.babylonica, S x calodendron & S.x reichardtii Willows except Weeping Willow, Pussy Willow and Sterile Pussy Willow [68497]		Species or species habitat likely to occur within area

Caveat

The information presented in this report has been provided by a range of data sources as acknowledged at the end of the report.

This report is designed to assist in identifying the locations of places which may be relevant in determining obligations under the Environment Protection and Biodiversity Conservation Act 1999. It holds mapped locations of World and National Heritage properties, Wetlands of International and National Importance, Commonwealth and State/Territory reserves, listed threatened, migratory and marine species and listed threatened ecological communities. Mapping of Commonwealth land is not complete at this stage. Maps have been collated from a range of sources at various resolutions.

Not all species listed under the EPBC Act have been mapped (see below) and therefore a report is a general guide only. Where available data supports mapping, the type of presence that can be determined from the data is indicated in general terms. People using this information in making a referral may need to consider the qualifications below and may need to seek and consider other information sources.

For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

Threatened, migratory and marine species distributions have been derived through a variety of methods. Where distributions are well known and if time permits, maps are derived using either thematic spatial data (i.e. vegetation, soils, geology, elevation, aspect, terrain, etc) together with point locations and described habitat; or environmental modelling (MAXENT or BIOCLIM habitat modelling) using point locations and environmental data layers.

Where very little information is available for species or large number of maps are required in a short time-frame, maps are derived either from 0.04 or 0.02 decimal degree cells; by an automated process using polygon capture techniques (static two kilometre grid cells, alpha-hull and convex hull); or captured manually or by using topographic features (national park boundaries, islands, etc). In the early stages of the distribution mapping process (1999-early 2000s) distributions were defined by degree blocks, 100K or 250K map sheets to rapidly create distribution maps. More reliable distribution mapping methods are used to update these distributions as time permits.

Only selected species covered by the following provisions of the EPBC Act have been mapped:

- migratory and
- marine

The following species and ecological communities have not been mapped and do not appear in reports produced from this database:

- threatened species listed as extinct or considered as vagrants
- some species and ecological communities that have only recently been listed
- some terrestrial species that overfly the Commonwealth marine area
- migratory species that are very widespread, vagrant, or only occur in small numbers

The following groups have been mapped, but may not cover the complete distribution of the species:

- non-threatened seabirds which have only been mapped for recorded breeding sites
- seals which have only been mapped for breeding sites near the Australian continent

Such breeding sites may be important for the protection of the Commonwealth Marine environment.

Coordinates

-33.45419 115.8928

Acknowledgements

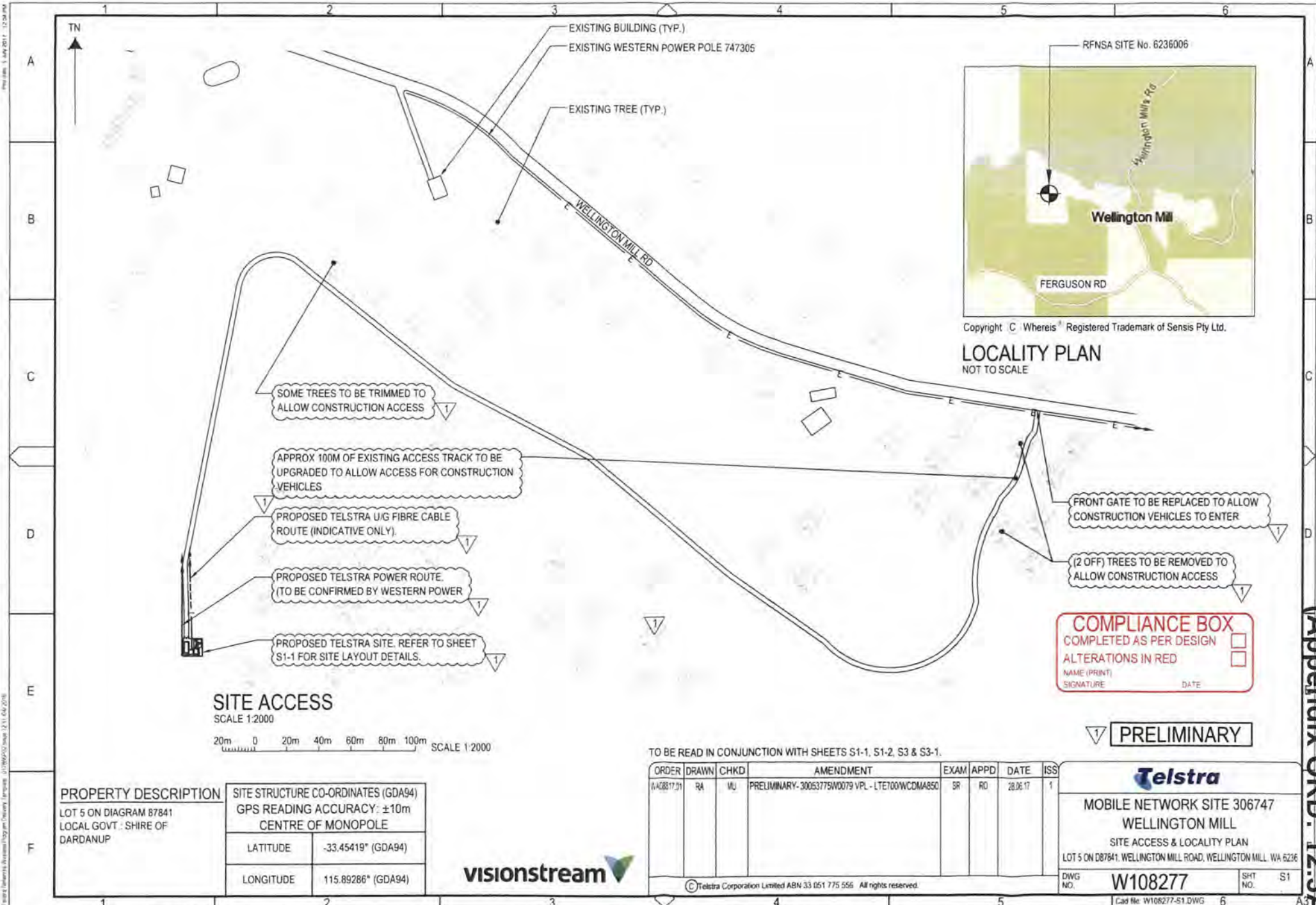
This database has been compiled from a range of data sources. The department acknowledges the following custodians who have contributed valuable data and advice:

- [Office of Environment and Heritage, New South Wales](#)
- [Department of Environment and Primary Industries, Victoria](#)
- [Department of Primary Industries, Parks, Water and Environment, Tasmania](#)
- [Department of Environment, Water and Natural Resources, South Australia](#)
- [Department of Land and Resource Management, Northern Territory](#)
- [Department of Environmental and Heritage Protection, Queensland](#)
- [Department of Parks and Wildlife, Western Australia](#)
- [Environment and Planning Directorate, ACT](#)
- [Birdlife Australia](#)
- [Australian Bird and Bat Banding Scheme](#)
- [Australian National Wildlife Collection](#)
- [Natural history museums of Australia](#)
- [Museum Victoria](#)
- [Australian Museum](#)
- [South Australian Museum](#)
- [Queensland Museum](#)
- [Online Zoological Collections of Australian Museums](#)
- [Queensland Herbarium](#)
- [National Herbarium of NSW](#)
- [Royal Botanic Gardens and National Herbarium of Victoria](#)
- [Tasmanian Herbarium](#)
- [State Herbarium of South Australia](#)
- [Northern Territory Herbarium](#)
- [Western Australian Herbarium](#)
- [Australian National Herbarium, Canberra](#)
- [University of New England](#)
- [Ocean Biogeographic Information System](#)
- [Australian Government, Department of Defence Forestry Corporation, NSW](#)
- [Geoscience Australia](#)
- [CSIRO](#)
- [Australian Tropical Herbarium, Cairns](#)
- [eBird Australia](#)
- [Australian Government – Australian Antarctic Data Centre](#)
- [Museum and Art Gallery of the Northern Territory](#)
- [Australian Government National Environmental Science Program](#)
- [Australian Institute of Marine Science](#)
- [Reef Life Survey Australia](#)
- [American Museum of Natural History](#)
- [Queen Victoria Museum and Art Gallery, Inveresk, Tasmania](#)
- [Tasmanian Museum and Art Gallery, Hobart, Tasmania](#)
- Other groups and individuals

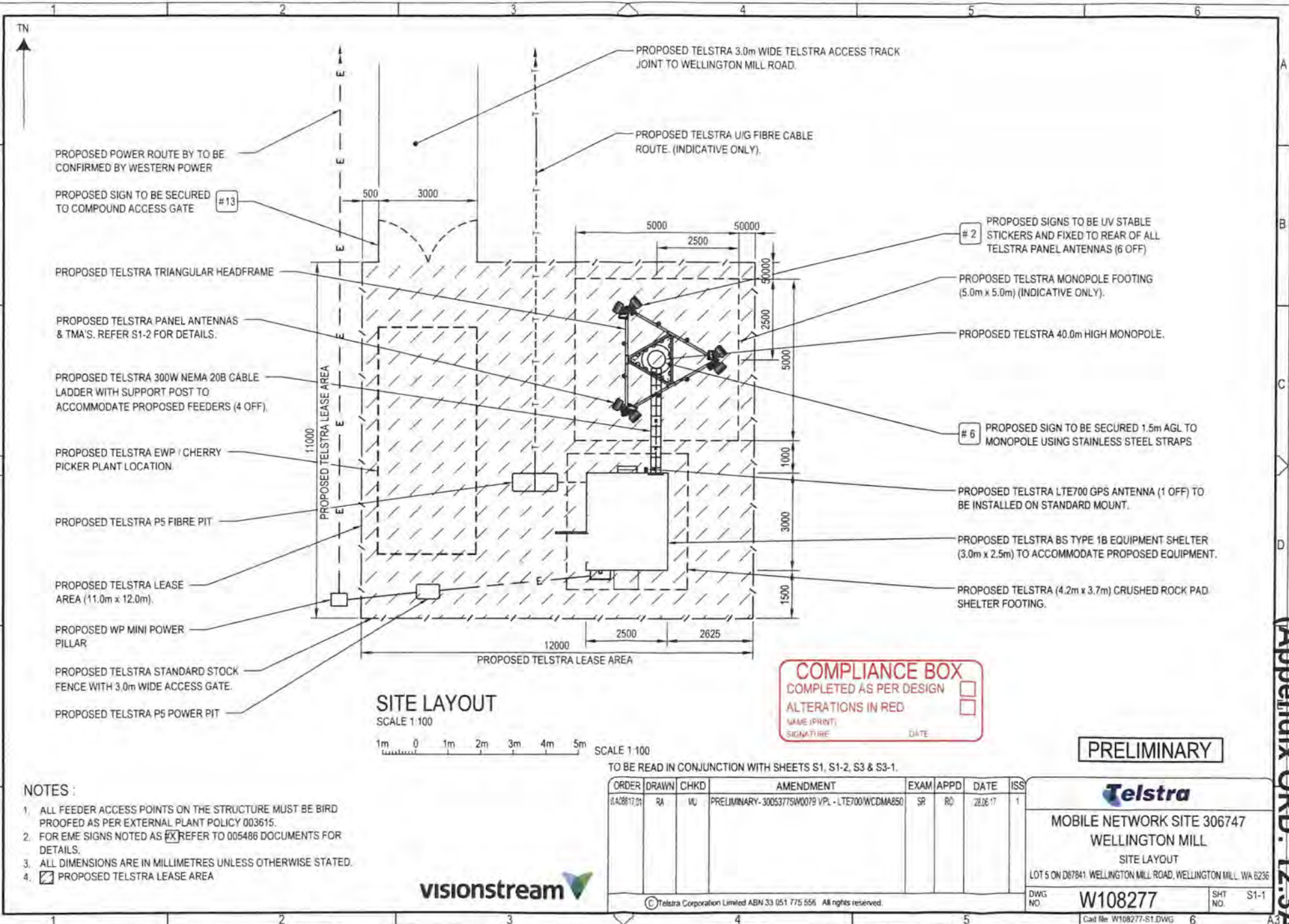
The Department is extremely grateful to the many organisations and individuals who provided expert advice and information on numerous draft distributions.

Please feel free to provide feedback via the [Contact Us](#) page.

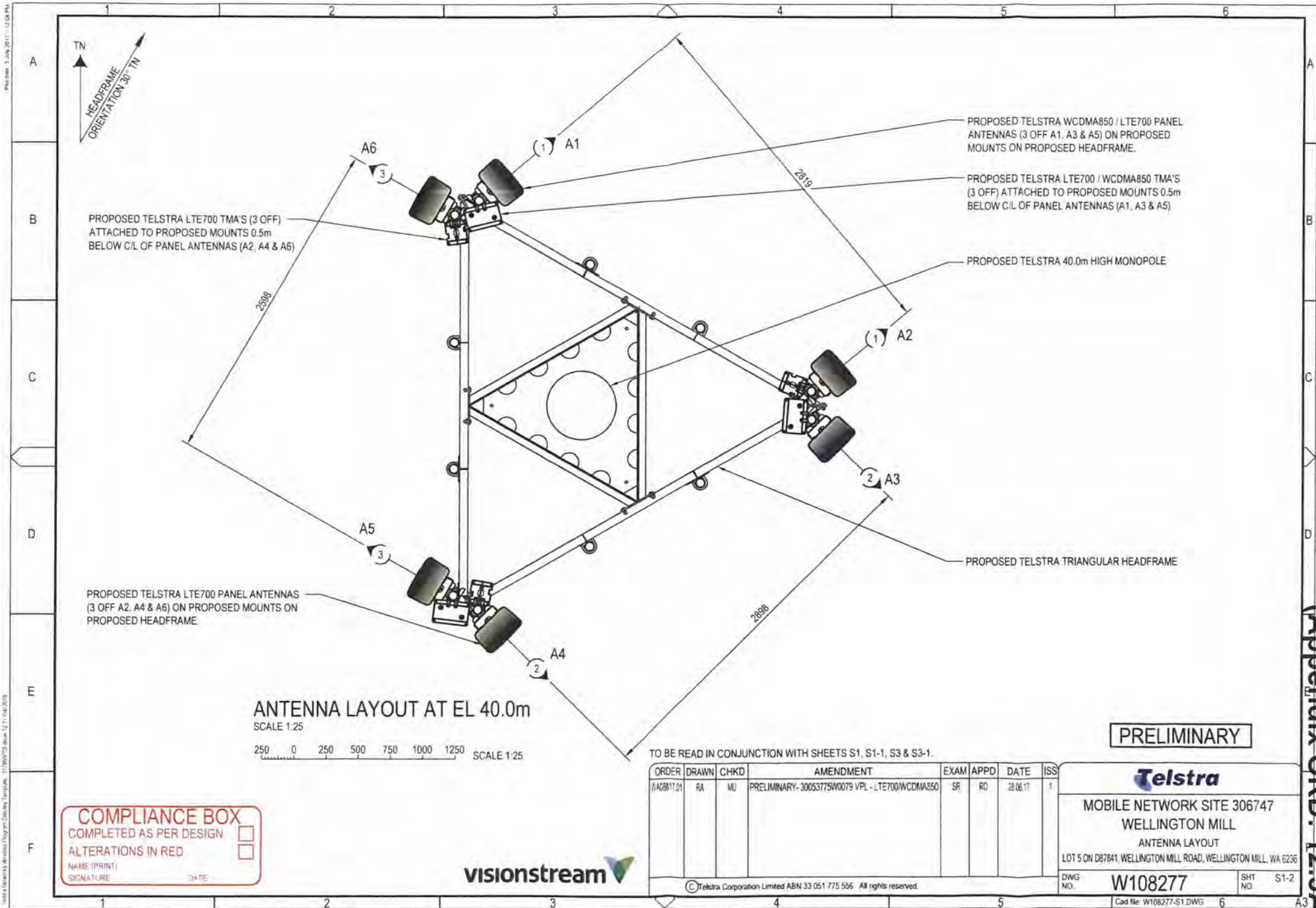
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Canberra ACT 2601 Australia
+61 2 6274 1111



Appendix ORD: 12.3(A)



Appendix ORD: 12.3A)



PROPOSED TELSTRA LTE700 TMA'S (3 OFF) ATTACHED TO PROPOSED MOUNTS 0.5m BELOW C/L OF PANEL ANTENNAS (A2, A4 & A6)

PROPOSED TELSTRA WCDMA850 / LTE700 PANEL ANTENNAS (3 OFF A1, A3 & A5) ON PROPOSED MOUNTS ON PROPOSED HEADFRAME.

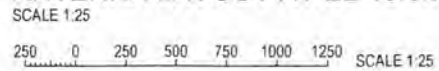
PROPOSED TELSTRA LTE700 / WCDMA850 TMA'S (3 OFF) ATTACHED TO PROPOSED MOUNTS 0.5m BELOW C/L OF PANEL ANTENNAS (A1, A3 & A5)

PROPOSED TELSTRA 40.0m HIGH MONOPOLE

PROPOSED TELSTRA LTE700 PANEL ANTENNAS (3 OFF A2, A4 & A6) ON PROPOSED MOUNTS ON PROPOSED HEADFRAME.

PROPOSED TELSTRA TRIANGULAR HEADFRAME

ANTENNA LAYOUT AT EL 40.0m



TO BE READ IN CONJUNCTION WITH SHEETS S1, S1-1, S3 & S3-1.

PRELIMINARY

COMPLIANCE BOX
 COMPLETED AS PER DESIGN
 ALTERATIONS IN RED
 NAME (PRINT) _____
 SIGNATURE _____ DATE _____



ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
1	RA	MU	PRELIMINARY- 30053175W0079 VPL - LTE700/WCDMA850	SR	RO	28.06.17	1

Telstra

MOBILE NETWORK SITE 306747
WELLINGTON MILL
 ANTENNA LAYOUT
 LOT 5 ON D87B41, WELLINGTON MILL ROAD, WELLINGTON MILL, WA 6236

DWG NO. **W108277** SHT NO. S1-2

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Cad file: W108277-S1.DWG 6

(Appendix ORD: 12.3A)

PROPOSED SIGNS TO BE UV STABLE STICKERS AND FIXED TO REAR OF ALL TELSTRA PANEL ANTENNAS (6 OFF) # 2

PROPOSED TELSTRA WCDMA850 / LTE700 PANEL ANTENNAS (3 OFF, A1, A3 & A5) ON PROPOSED MOUNTS ON PROPOSED HEADFRAME.

PROPOSED TELSTRA LTE700 / WCDMA850 TMA'S (3 OFF) ATTACHED TO PROPOSED MOUNTS 0.5m BELOW C/L OF PANEL ANTENNAS (A1, A3 & A5)

PROPOSED TELSTRA TRIANGULAR HEADFRAME

▽ E.L. 41.3m (±100mm) R.L. 723.3m A.H.D. OVERALL HEIGHT

▽ E.L. 40.0m (±100mm) R.L. 722.0m A.H.D. C/L PROPOSED TELSTRA PANEL ANTENNAS (6 OFF, A1, A2, A3, A4, A5 & A6)

PROPOSED TELSTRA LTE700 PANEL ANTENNAS (3 OFF, A2, A4 & A6) ON PROPOSED MOUNTS ON PROPOSED HEADFRAME.

PROPOSED TELSTRA LTE700 TMA'S (3 OFF) ATTACHED TO PROPOSED MOUNTS 0.5m BELOW C/L OF PANEL ANTENNAS (A2, A4 & A6)

- NOTES:**
1. ALL FEEDER ACCESS POINTS ON THE STRUCTURE MUST BE BIRD PROOFED AS PER EXTERNAL PLANT POLICY 003615.
 2. FOR EME SIGNS NOTED AS #X REFER TO 005486 DOCUMENTS FOR DETAILS.
 3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED

COMPLIANCE BOX

COMPLETED AS PER DESIGN

ALTERATIONS IN RED

NAME (PRINT) _____ DATE _____

SIGNATURE _____

PROPOSED TELSTRA 40.0m HIGH MONOPOLE

PROPOSED TELSTRA FEEDERS LCF78-50JA (12 OFF) TO RUN INTERNALLY WITHIN MONOPOLE

PROPOSED TELSTRA 300mm NEMA 20B WIDE CABLE LADDER WITH SUPPORT POSTS TO ACCOMMODATE PROPOSED FEEDERS.

PROPOSED TELSTRA LTE700 GPS ANTENNA (1 OFF) ON STANDARD MOUNT

PROPOSED TELSTRA BS TYPE 1B EQUIPMENT SHELTER (3.0m x 2.5m) TO ACCOMMODATE PROPOSED EQUIPMENT

PROPOSED SIGN TO BE SECURED 1.5m AGL TO MONOPOLE # 6

PROPOSED WP MINI POWER POLE

▽ E.L. 0.00m (±100mm) R.L. 692.0m A.H.D. GROUND LEVEL

PROPOSED TELSTRA POWER ROUTE TO BE CONFIRMED BY WESTERN POWER

PROPOSED TELSTRA U/G FIBRE CABLE ROUTE (INDICATIVE ONLY)

PROPOSED TELSTRA (4.2m x 3.7m) CRUSHED ROCK PAD SHELTER FOOTING.

PROPOSED TELSTRA P5 POWER PIT

PROPOSED TELSTRA P5 FIBRE PIT

PROPOSED TELSTRA MONOPOLE FOOTING (5.0m x 5.0m) (INDICATIVE ONLY)

WEST ELEVATION

SCALE 1:150

PRELIMINARY

TO BE READ IN CONJUNCTION WITH SHEETS S1, S1-1, S1-2 & S3-1

ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
W1088701	RA	MV	PRELIMINARY- 30053775W0079 VPL - LTE700/WCDMA850	SR	RD	28.06.17	1

Telstra

MOBILE NETWORK SITE 306747
WELLINGTON MILL
WEST ELEVATION

LOT 5 ON D87841, WELLINGTON MILL ROAD, WELLINGTON MILL, WA 6236

DWG NO: **W108277** SHT NO: S3



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11/11/17 11:46:20 AM 01/11/17
 11/11/17 11:46:20 AM 01/11/17
 11/11/17 11:46:20 AM 01/11/17

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TELSTRA ANTENNA CONFIGURATION TABLE					
ANTENNA No	ANTENNA TYPE & SIZE H x W x D	ANTENNA ACTION REQUIRED	ANTENNA HEIGHT C/L A.G.L.	ANTENNA BEARING (x°T)	SECTOR NO. & TECHNOLOGY
A1	ARGUS RPX310B-T2 PANEL 2533 x 350 x 208mm	INSTALL	40.0m	50°	S1: LTE700 / S1: WCDMA850 S1: LTE700 / S1: WCDMA850
A2	ARGUS RPX310B-T2 PANEL 2533 x 350 x 208mm	INSTALL	40.0m	50°	S1: LTE700 S1: LTE700
A3	ARGUS RPX310B-T2 PANEL 2533 x 350 x 208mm	INSTALL	40.0m	135°	S2: LTE700 / S2: WCDMA850 S2: LTE700 / S2: WCDMA850
A4	ARGUS RPX310B-T2 PANEL 2533 x 350 x 208mm	INSTALL	40.0m	135°	S2: LTE700 S2: LTE700
A5	ARGUS RPX310B-T2 PANEL 2533 x 350 x 208mm	INSTALL	40.0m	300°	S3: LTE700 / S3: WCDMA850 S3: LTE700 / S3: WCDMA850
A6	ARGUS RPX310B-T2 PANEL 2533 x 350 x 208mm	INSTALL	40.0m	300°	S3: LTE700 S3: LTE700
A200	GPS ANTENNA KRE 101 2082/1 Ø68 x 96	INSTALL	BASE OF GPS 3.0m	0°	-

COMPLIANCE BOX	
COMPLETED AS PER DESIGN	<input type="checkbox"/>
ALTERATIONS IN RED	<input type="checkbox"/>
NAME (PRINT)	
SIGNATURE	DATE

PRELIMINARY

TO BE READ IN CONJUNCTION WITH SHEETS S1, S1-1, S1-2 & S3.

ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
W108277-01	RA	ML	PRELIMINARY- 30053775W0079 VPL - LTE700/WCDMA850	SR	RO	28.06.17	1

Telstra

MOBILE NETWORK SITE 306747
WELLINGTON MILL

ANTENNA CONFIGURATION TABLE

LOT 5 ON D87841, WELLINGTON MILL ROAD, WELLINGTON MILL WA 6236

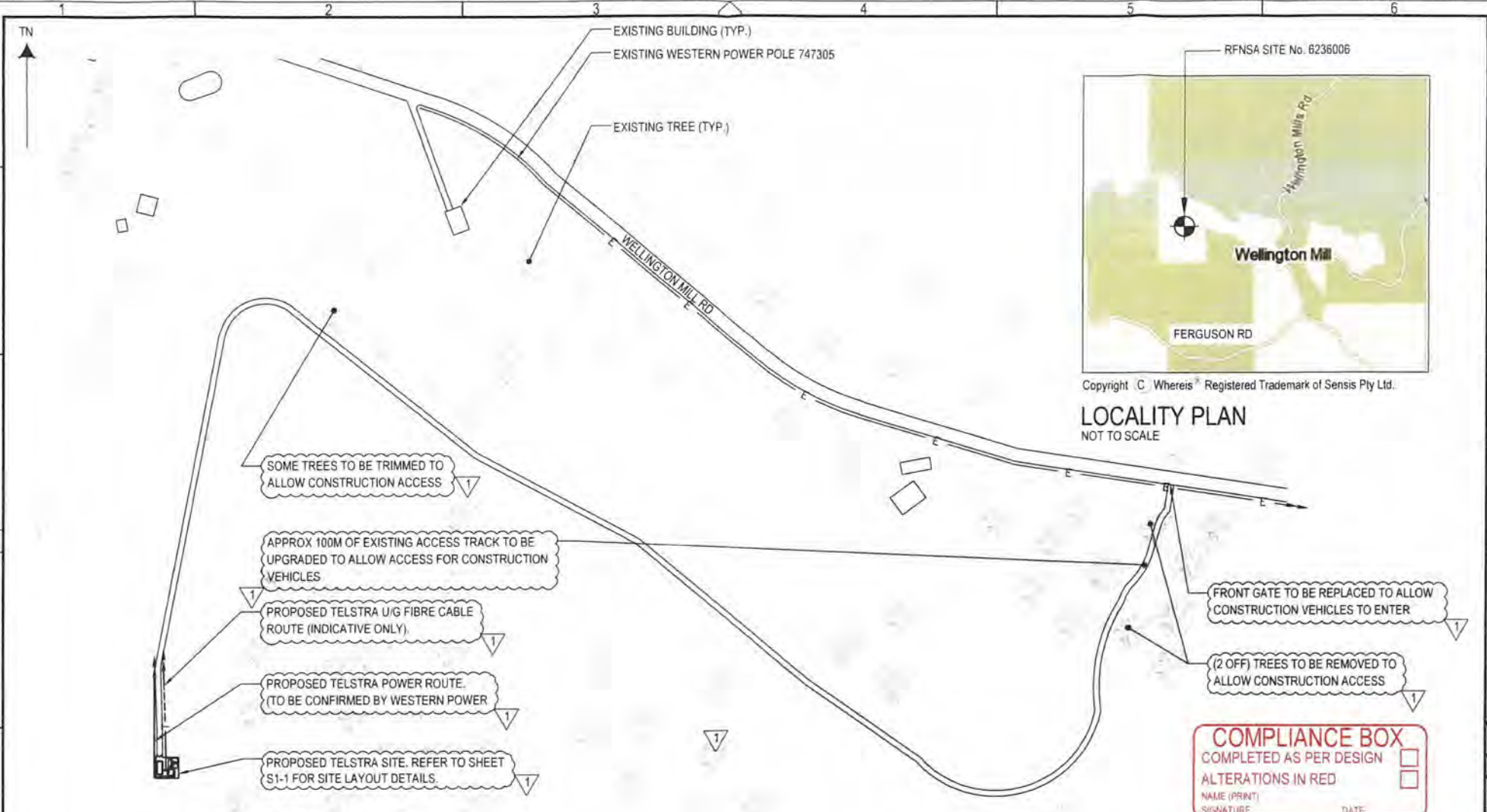
DWG NO: **W108277** SHIT NO: S3-1



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Cad file: W108277-S1.DWG

A3V



LOCALITY PLAN
NOT TO SCALE

SITE ACCESS
SCALE 1:2000

SCALE 1:2000

COMPLIANCE BOX

COMPLETED AS PER DESIGN

ALTERATIONS IN RED

NAME (PRINT) _____

SIGNATURE _____ DATE _____

PRELIMINARY

PROPERTY DESCRIPTION LOT 5 ON DIAGRAM 87841 LOCAL GOVT.: SHIRE OF DARDANUP	SITE STRUCTURE CO-ORDINATES (GDA94)	
	GPS READING ACCURACY: ±10m CENTRE OF MONOPOLE	
	LATITUDE	-33.45419° (GDA94)
	LONGITUDE	115.89286° (GDA94)



TO BE READ IN CONJUNCTION WITH SHEETS S1-1, S1-2, S3 & S3-1.

ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
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Telstra

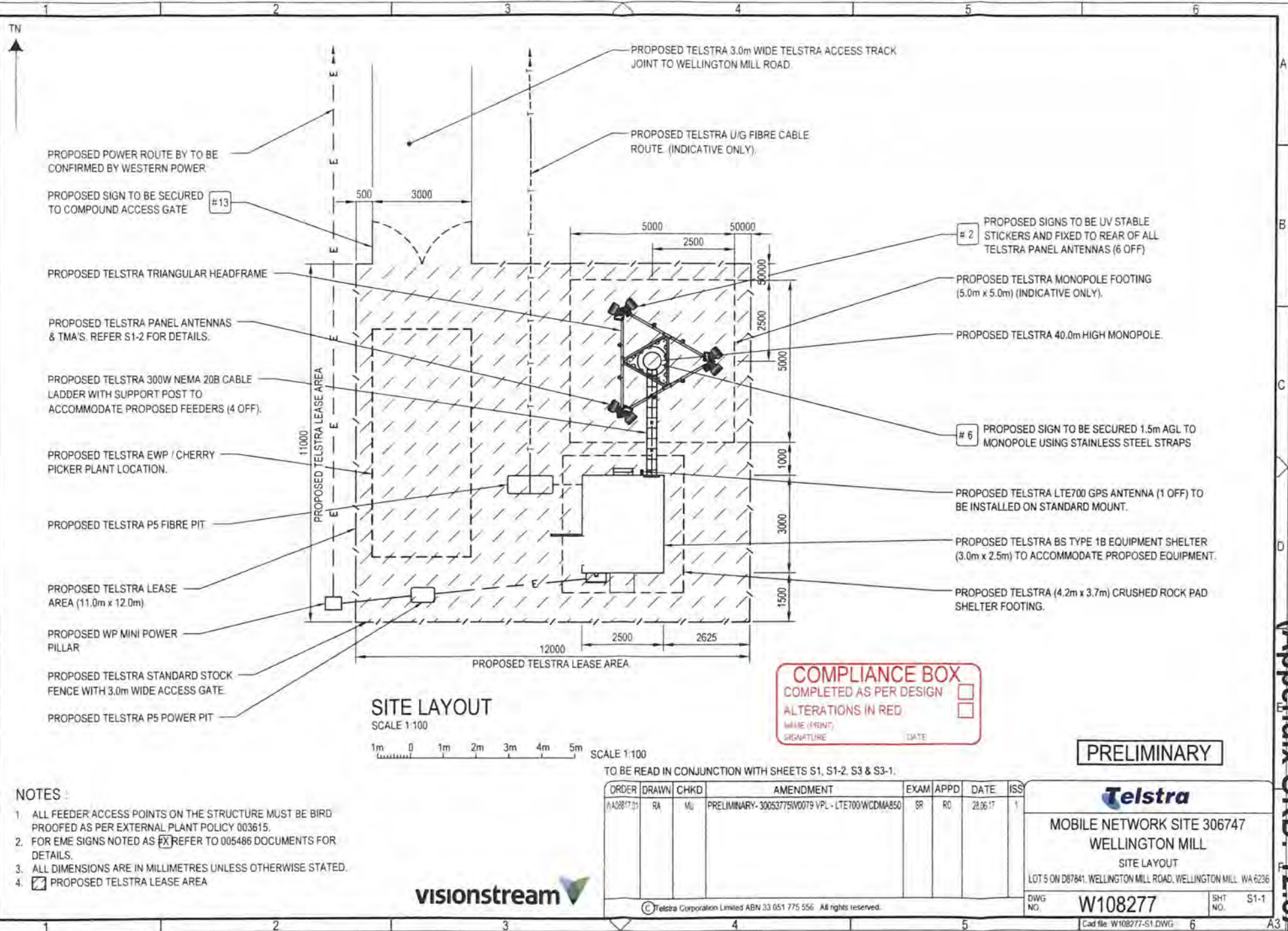
MOBILE NETWORK SITE 306747
WELLINGTON MILL
SITE ACCESS & LOCALITY PLAN
LOT 5 ON D87841, WELLINGTON MILL ROAD, WELLINGTON MILL, WA 6236

DWG NO. **W108277** SHT NO. S1

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(Appendix ORD: 12.3A)



PROPOSED POWER ROUTE BY TO BE CONFIRMED BY WESTERN POWER

PROPOSED SIGN TO BE SECURED TO COMPOUND ACCESS GATE #13

PROPOSED TELSTRA TRIANGULAR HEADFRAME

PROPOSED TELSTRA PANEL ANTENNAS & TMA'S. REFER S1-2 FOR DETAILS.

PROPOSED TELSTRA 300W NEMA 20B CABLE LADDER WITH SUPPORT POST TO ACCOMMODATE PROPOSED FEEDERS (4 OFF).

PROPOSED TELSTRA EWP / CHERRY PICKER PLANT LOCATION.

PROPOSED TELSTRA P5 FIBRE PIT

PROPOSED TELSTRA LEASE AREA (11.0m x 12.0m)

PROPOSED WP MINI POWER PILLAR

PROPOSED TELSTRA STANDARD STOCK FENCE WITH 3.0m WIDE ACCESS GATE.

PROPOSED TELSTRA P5 POWER PIT

PROPOSED TELSTRA 3.0m WIDE TELSTRA ACCESS TRACK JOINT TO WELLINGTON MILL ROAD.

PROPOSED TELSTRA U/G FIBRE CABLE ROUTE (INDICATIVE ONLY).

2 PROPOSED SIGNS TO BE UV STABLE STICKERS AND FIXED TO REAR OF ALL TELSTRA PANEL ANTENNAS (6 OFF)

PROPOSED TELSTRA MONOPOLE FOOTING (5.0m x 5.0m) (INDICATIVE ONLY).

PROPOSED TELSTRA 40.0m HIGH MONOPOLE.

6 PROPOSED SIGN TO BE SECURED 1.5m AGL TO MONOPOLE USING STAINLESS STEEL STRAPS

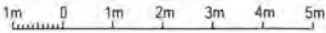
PROPOSED TELSTRA LTE700 GPS ANTENNA (1 OFF) TO BE INSTALLED ON STANDARD MOUNT.

PROPOSED TELSTRA BS TYPE 1B EQUIPMENT SHELTER (3.0m x 2.5m) TO ACCOMMODATE PROPOSED EQUIPMENT.

PROPOSED TELSTRA (4.2m x 3.7m) CRUSHED ROCK PAD SHELTER FOOTING.

SITE LAYOUT

SCALE 1:100



SCALE 1:100

COMPLIANCE BOX
 COMPLETED AS PER DESIGN
 ALTERATIONS IN RED
 NAME (PRINT) _____
 SIGNATURE _____ DATE _____

PRELIMINARY

NOTES :

1. ALL FEEDER ACCESS POINTS ON THE STRUCTURE MUST BE BIRD PROOFED AS PER EXTERNAL PLANT POLICY 003615.
2. FOR EME SIGNS NOTED AS #X REFER TO 005486 DOCUMENTS FOR DETAILS.
3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
4. PROPOSED TELSTRA LEASE AREA



TO BE READ IN CONJUNCTION WITH SHEETS S1, S1-2, S3 & S3-1.

ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
1	RA	MJ	PRELIMINARY-30053775W0079 VPL - LTE700/WCDMA850	SR	RD	28.06.17	1

Telstra

MOBILE NETWORK SITE 306747
WELLINGTON MILL
 SITE LAYOUT

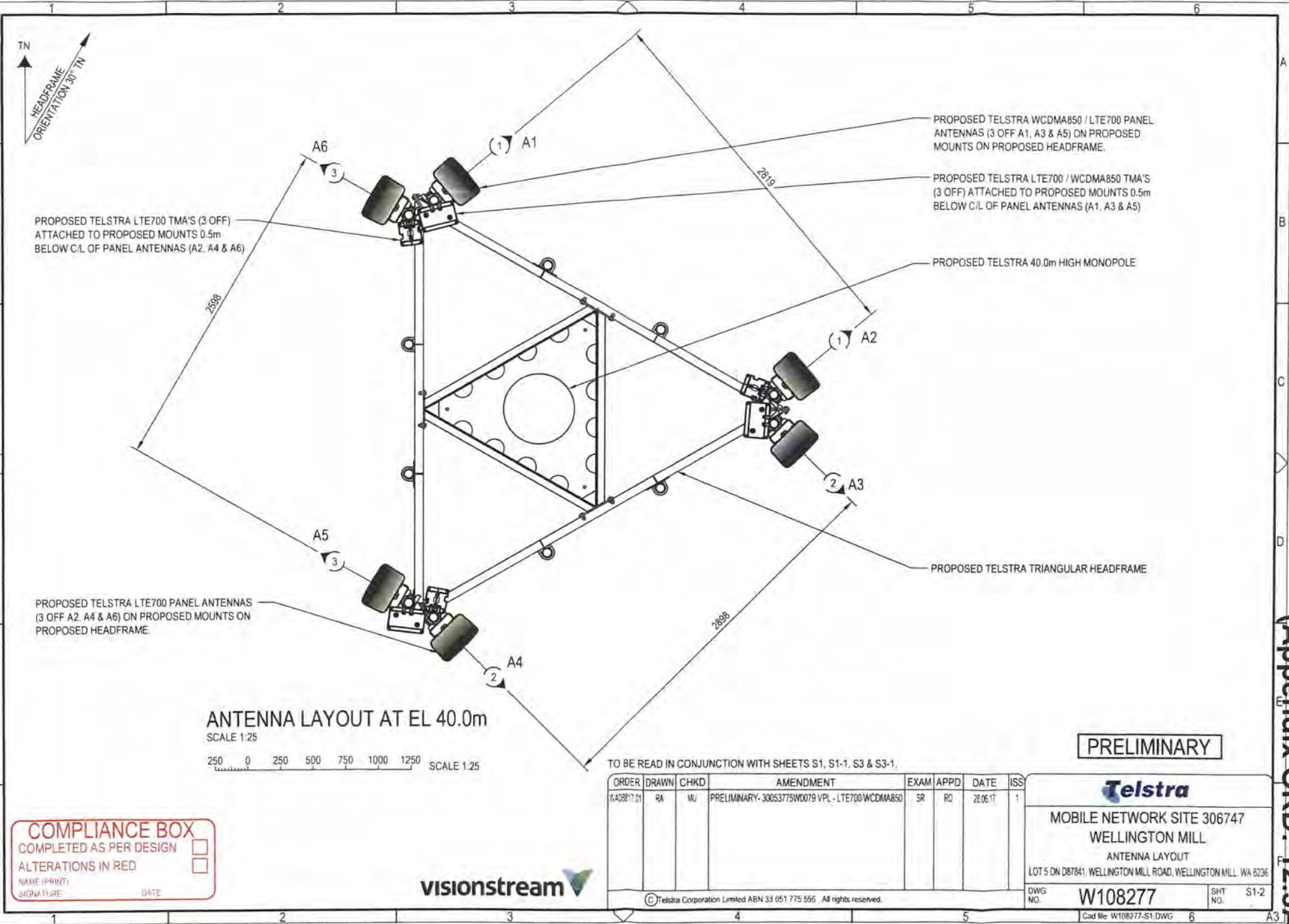
LOT 5 ON D87841, WELLINGTON MILL ROAD, WELLINGTON MILL WA 6236

DWG NO. **W108277** SHT NO. S1-1

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(Appendix ORD: 12.3A)



PROPOSED TELSTRA WCDMA850 / LTE700 PANEL ANTENNAS (3 OFF A1, A3 & A5) ON PROPOSED MOUNTS ON PROPOSED HEADFRAME.

PROPOSED TELSTRA LTE700 / WCDMA850 TMA'S (3 OFF) ATTACHED TO PROPOSED MOUNTS 0.5m BELOW C/L OF PANEL ANTENNAS (A1, A3 & A5)

PROPOSED TELSTRA 40.0m HIGH MONOPOLE

PROPOSED TELSTRA LTE700 TMA'S (3 OFF) ATTACHED TO PROPOSED MOUNTS 0.5m BELOW C/L OF PANEL ANTENNAS (A2, A4 & A6)

PROPOSED TELSTRA LTE700 PANEL ANTENNAS (3 OFF A2, A4 & A6) ON PROPOSED MOUNTS ON PROPOSED HEADFRAME.

ANTENNA LAYOUT AT EL 40.0m
SCALE 1:25

250 0 250 500 750 1000 1250 SCALE 1:25

TO BE READ IN CONJUNCTION WITH SHEETS S1, S1-1, S3 & S3-1.

PRELIMINARY

COMPLIANCE BOX
COMPLETED AS PER DESIGN
ALTERATIONS IN RED
NAME (PRINT) _____
SIGNATURE _____ DATE _____



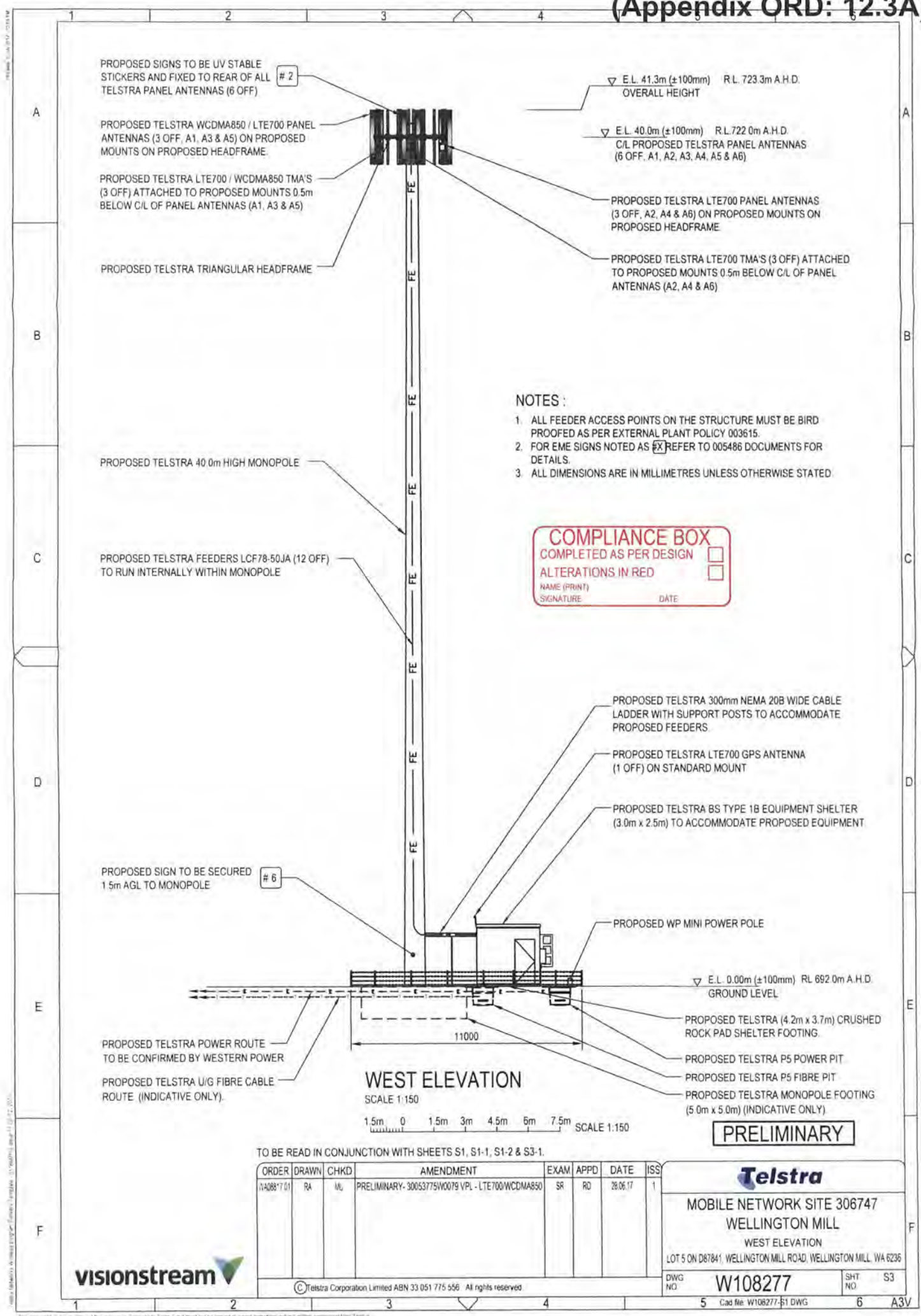
ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
W108277-01	RA	MU	PRELIMINARY - 30053775W0079 VPL - LTE700/WCDMA850	SR	RQ	28.06.17	1

Telstra

MOBILE NETWORK SITE 306747
WELLINGTON MILL
ANTENNA LAYOUT
LOT 5 ON D87841, WELLINGTON MILL ROAD, WELLINGTON MILL, WA 6236

DWG NO. **W108277** SHT NO. S1-2

Cad file: W108277-S1.DWG 6



PROPOSED SIGNS TO BE UV STABLE STICKERS AND FIXED TO REAR OF ALL TELSTRA PANEL ANTENNAS (6 OFF) # 2

PROPOSED TELSTRA WCDMA850 / LTE700 PANEL ANTENNAS (3 OFF, A1, A3 & A5) ON PROPOSED MOUNTS ON PROPOSED HEADFRAME.

PROPOSED TELSTRA LTE700 / WCDMA850 TMA'S (3 OFF) ATTACHED TO PROPOSED MOUNTS 0.5m BELOW C/L OF PANEL ANTENNAS (A1, A3 & A5)

PROPOSED TELSTRA TRIANGULAR HEADFRAME

▽ E.L. 41.3m (±100mm) R.L. 723.3m A.H.D. OVERALL HEIGHT

▽ E.L. 40.0m (±100mm) R.L. 722.0m A.H.D. C/L PROPOSED TELSTRA PANEL ANTENNAS (6 OFF, A1, A2, A3, A4, A5 & A6)

PROPOSED TELSTRA LTE700 PANEL ANTENNAS (3 OFF, A2, A4 & A6) ON PROPOSED MOUNTS ON PROPOSED HEADFRAME

PROPOSED TELSTRA LTE700 TMA'S (3 OFF) ATTACHED TO PROPOSED MOUNTS 0.5m BELOW C/L OF PANEL ANTENNAS (A2, A4 & A6)

PROPOSED TELSTRA 40.0m HIGH MONOPOLE

PROPOSED TELSTRA FEEDERS LCF78-50JA (12 OFF) TO RUN INTERNALLY WITHIN MONOPOLE

NOTES :

1. ALL FEEDER ACCESS POINTS ON THE STRUCTURE MUST BE BIRD PROOFED AS PER EXTERNAL PLANT POLICY 003615.
2. FOR EME SIGNS NOTED AS #X REFER TO 005486 DOCUMENTS FOR DETAILS.
3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.

COMPLIANCE BOX
 COMPLETED AS PER DESIGN
 ALTERATIONS IN RED
 NAME (PRINT) _____
 SIGNATURE _____ DATE _____

PROPOSED TELSTRA 300mm NEMA 20B WIDE CABLE LADDER WITH SUPPORT POSTS TO ACCOMMODATE PROPOSED FEEDERS.

PROPOSED TELSTRA LTE700 GPS ANTENNA (1 OFF) ON STANDARD MOUNT

PROPOSED TELSTRA BS TYPE 1B EQUIPMENT SHELTER (3.0m x 2.5m) TO ACCOMMODATE PROPOSED EQUIPMENT

PROPOSED SIGN TO BE SECURED 1.5m AGL TO MONOPOLE # 6

PROPOSED WP MINI POWER POLE

▽ E.L. 0.00m (±100mm) R.L. 692.0m A.H.D. GROUND LEVEL

PROPOSED TELSTRA POWER ROUTE TO BE CONFIRMED BY WESTERN POWER

PROPOSED TELSTRA U/G FIBRE CABLE ROUTE (INDICATIVE ONLY).

WEST ELEVATION

SCALE 1:150

1.5m 0 1.5m 3m 4.5m 6m 7.5m SCALE 1:150

PROPOSED TELSTRA (4.2m x 3.7m) CRUSHED ROCK PAD SHELTER FOOTING.

PROPOSED TELSTRA P5 POWER PIT

PROPOSED TELSTRA P5 FIBRE PIT

PROPOSED TELSTRA MONOPOLE FOOTING (5.0m x 5.0m) (INDICATIVE ONLY)

PRELIMINARY

TO BE READ IN CONJUNCTION WITH SHEETS S1, S1-1, S1-2 & S3-1.

ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
11A08817 01	RA	ML	PRELIMINARY- 30053775W0079 VPL - LTE700/WCDMA850	SR	RD	28.06.17	1

Telstra
 MOBILE NETWORK SITE 306747
 WELLINGTON MILL
 WEST ELEVATION
 LOT 5 ON D87841, WELLINGTON MILL ROAD, WELLINGTON MILL, WA 6236



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DWG NO. **W108277** SHT NO. **S3**

Cad file: W108277-S1.DWG A3V

TELSTRA ANTENNA CONFIGURATION TABLE					
ANTENNA No	ANTENNA TYPE & SIZE H x W x D	ANTENNA ACTION REQUIRED	ANTENNA HEIGHT C/L A.G.L.	ANTENNA BEARING (x°T)	SECTOR NO. & TECHNOLOGY
A1	ARGUS RPX310B-T2 PANEL 2533 x 350 x 208mm	INSTALL	40.0m	50°	S1: LTE700 / S1: WCDMA850 S1: LTE700 / S1: WCDMA850
A2	ARGUS RPX310B-T2 PANEL 2533 x 350 x 208mm	INSTALL	40.0m	50°	S1: LTE700 S1: LTE700
A3	ARGUS RPX310B-T2 PANEL 2533 x 350 x 208mm	INSTALL	40.0m	135°	S2: LTE700 / S2: WCDMA850 S2: LTE700 / S2: WCDMA850
A4	ARGUS RPX310B-T2 PANEL 2533 x 350 x 208mm	INSTALL	40.0m	135°	S2: LTE700 S2: LTE700
A5	ARGUS RPX310B-T2 PANEL 2533 x 350 x 208mm	INSTALL	40.0m	300°	S3: LTE700 / S3: WCDMA850 S3: LTE700 / S3: WCDMA850
A6	ARGUS RPX310B-T2 PANEL 2533 x 350 x 208mm	INSTALL	40.0m	300°	S3: LTE700 S3: LTE700
A200	GPS ANTENNA KRE 101 2082/1 Ø68 x 96	INSTALL	BASE OF GPS 3.0m	0°	-

COMPLIANCE BOX	
COMPLETED AS PER DESIGN	<input type="checkbox"/>
ALTERATIONS IN RED	<input type="checkbox"/>
NAME (PRINT)	DATE
SIGNATURE	

PRELIMINARY

TO BE READ IN CONJUNCTION WITH SHEETS S1, S1-1, S1-2 & S3.

ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
W108277/01	RA	ML	PRELIMINARY- 30053775/W0079 VPL - LTE700/WCDMA850	SR	RO	28.06.17	1

Telstra

MOBILE NETWORK SITE 306747
WELLINGTON MILL
ANTENNA CONFIGURATION TABLE
LOT 5 ON D87841, WELLINGTON MILL ROAD, WELLINGTON MILL, WA 6236

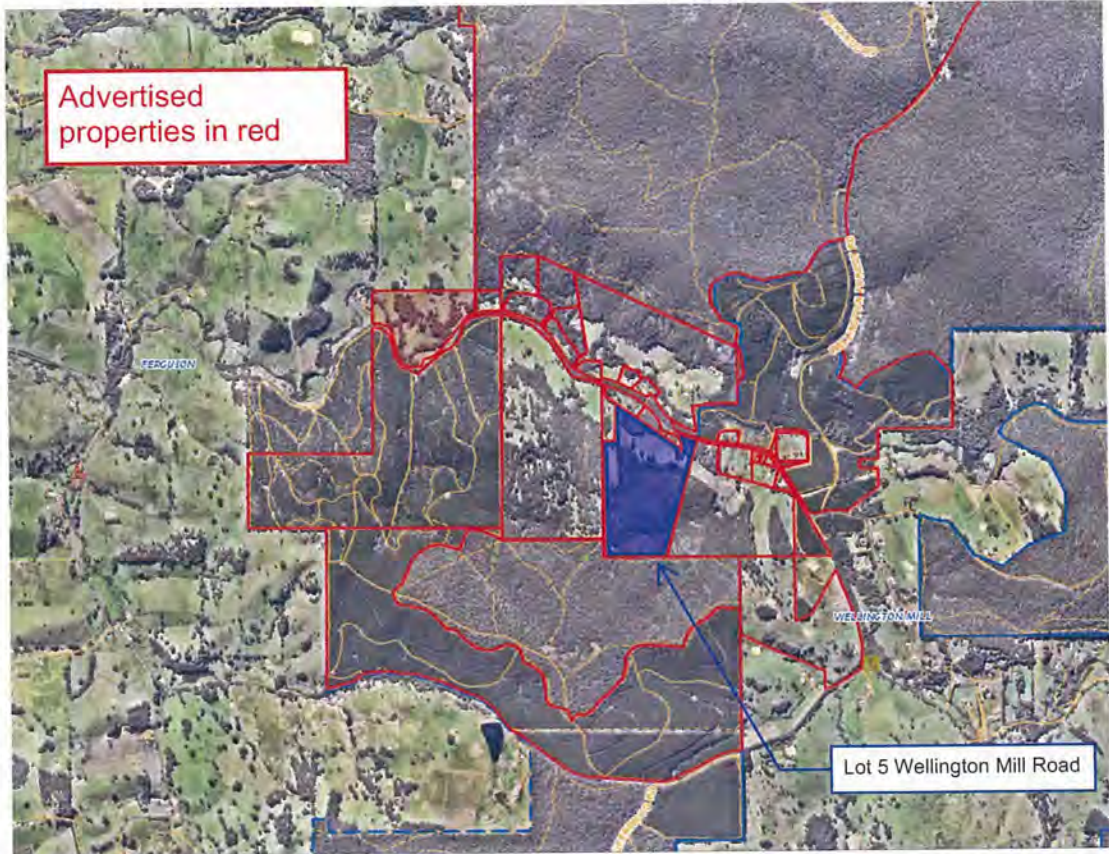


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DWG NO	W108277	SHT NO	S3-1
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5 Cad file: W108277-01 DWG 6 A3V

Advertising Map - 1.5km Radius



Alice Baldock

From: douglas@skymesh.com.au
Sent: Wednesday, 16 August 2017 11:36 AM
To: Submissions Planning
Subject: Mobile Tower Wellington Mill
Attachments: Mobile phone Towers.docx

Dear Sir/Madam

RE: Mobile Tower application for Wellington Mill

We, Douglas and Joyce Hatchett wish to object to the placement of the mobile tower for two fundamental reasons.

1. Our property is currently on the market and the Real Estate agent has already informed us that it will reduce our property value due to the unsightliness of such a structure in a picturesque environment. Part of the attraction in living in this environment are the views and being close to nature, not mobile tower structures. Obviously we will have to seek legal advice for compensation if the value of our property is reduced. A more important factor that might frighten people from purchasing our property is the ongoing debate associated with the health risks from Tower emissions.
2. Please see attached references, some as recent as early this year referring to dangers associated to mobile towers and living in close proximity to such a tower. So many of Wellington Mill folk have died from cancers and I do not wish to place myself, family or potential purchasers at any additional cancer risks.
3. Mr Robert Doherty has stated that he would be happy to have such a tower on his property and whilst I do not consider this far enough away, the research suggests the greater the distance, the greater the safety. My preference would be a greater distance.

To reiterate, I wish to submit our objection to the placement of the mobile tower on the property directly behind our property. Please see literature attached.

Yours Sincerely

Douglas Hatchett

Alice Baldock

From: David Morgan <dmorgan@amnet.net.au>
Sent: Thursday, 17 August 2017 9:41 PM
To: Submissions Planning
Subject: re Application for Development Approval - Proposed 40 m high Telecommunication Monopole Lot 5 Wellington Mill Rd, Wellington Mill

Dear Sir/Madam,

Thank you for your letter informing us of the Application for Development Approval - Proposed 40 m high Telecommunication Monopole Lot 5 Wellington Mill Rd, Wellington Mill. We are the owners of 241 Wellington Mill Rd and would like to support the application at the nominated location.

Regards,

David and Fiona Morgan
0409 229 488
dmorgan@amnet.net.au

Alice Baldock

From: Allpikes (WA) Pty Ltd <allpikes@allpikes.com.au>
Sent: Friday, 25 August 2017 6:43 AM
To: Submissions Planning
Subject: Proposed telecommunication monopole at Lot 5 Wellington Mill Road

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Transferred to SharePoint

Dear Sir/Madam

We are writing in regards to recent correspondence we received about the application for development approval for a 40m telecommunication monopole at Lot 5 Wellington Mill Road, Wellington Mill.

We do not object to the construction of a telecommunication monopole in Wellington Mill as we do realise that it is a required service but we do have some concerns which could lead to our opposition to this development.

Our home at 662 Wellington Mill Road is approximately 1.3km from the proposed site and we recently built our home on the highest part of our block to appreciate the views in the area. We are very concerned that we will be looking directly at the top of the aerial.

With this in mind; Can you please confirm at what elevation the monopole will be erected?

Will the top of the tower protrude above the tree line?

Can you provide an image of the tower in the proposed location?

Will the tower ever be lit (for aviation or any other purpose)?

Will the construction materials be reflective or create glare?

Is there any chance that this tower will become multi-functional in the future? This would obviously result in additional infrastructure being attached and becoming even more visually unattractive.

The health risks associated with these towers and the safety of living closely to them is still largely unknown and there is a strong possibility that diseases may become evident in years to come. Can the Shire of Dardanup or Telstra provide guarantees against people and livestock being affected by the electromagnetic radiation being emitted from this telecommunication monopole?

We would greatly appreciate return correspondence in regards to our concerns.

Yours sincerely,
Andrew and Danelle Allpike

(Appendix ORD: 12.4A)

From: Peter Harris <triskeledairy@gmail.com>
Sent: Friday, 15 September 2017 10:10 AM
To: Jake Whistler
Subject: Peter Harris sand extractive Licence

Follow Up Flag: Follow up
Flag Status: Flagged

Morning Jake,

We formally request discussion through the next available council meeting, towards an extension of our sand licence of approximately four months (as suggested by Calibre consultancy). This period is needed to fully review and collate required application.

We agree to suspend excavation through this period (after October 17th 2017)
As has been suggested by yourself in previous emails.

We need to explore full application for sand excavation, as this sand has been allocated towards Roselands development in the townsite of Dardanup.

Thank you for your previous emails in regards above temporary application extension.

Can you also return email that this application for extension will be formally put forward to the next council meeting (early October).

Thank you
Peter Harris
0417996206



SHIRE OF DARDANUP
EXTRACTIVE INDUSTRY LICENCE

Clause 8(3)(b)

Licensee: PETER NEIL HARRIS.....
Address: P O BOX 54, DARDANUP WA 6263.....
Land Description: LOTS 1, 3 AND 4 BOYANUP PICTON ROAD, CROOKED BROOK
Material to be Excavated: SAND
Term of Licence: 10 YEARS
Date of Expiry: 11 OCTOBER 2017.....

This licence is issued in accordance with the Shire of Dardanup Extractive Industries Local Law subject to the following conditions:-

- i. The approval is valid for a period of 10 years from the date of approval.
- ii. No access or egress from Garvey Road is permitted.
- iii. The existing access onto Boyanup Picton Road is to be upgraded to the satisfaction of Manager of Technical Services and Main Roads WA, prior to commencement of operation.
- iv. Adequate safety fencing and warning signs are to be placed around the perimeter of the site.
- v. At the completion of the operation, the land is to be contoured as near as possible to its original condition.
- vi. Dust suppression measures to be implemented to prevent dust occurring off site.
- vii. Extraction area is to be rehabilitated and revegetated within 12 months of the completion of the operation.
- viii. Rehabilitation and Revegetation plan to be submitted for approval, prior to commencement of rehabilitation works.
- ix. A cash bond or unconditional bank guarantee to the value of \$9000 for rehabilitation and revegetation, in the favour of Council, to be deposited with Council prior to commencement of extraction works.

- x. A current public liability insurance policy taken out in the joint names of the Shire of Dardanup and LD & PJ Harris for the amount of \$5,000,000 indemnifying the licensee and the Shire of Dardanup of any one claim relating to any of the extraction operations.

Footnote:

- i. Compliance with all relevant legislation (particularly, but not limited to, the Environmental Protection Act) is required at all times.

Dates thisEleventh..... day ofOctober..... 2007.



.....
 Acting Chief Executive Officer
 Shire of Dardanup



(Appendix ORD: 12.4B)

Shire of Dardanup

Administration Centre Eaton
P.O. Box 7016 - 1 Council Drive
EATON WA 6232
Tel: 9724 0000 Fax: 9724 0091
www.dardanup.wa.gov.au
ABN: 57 305 829 653

TSO 30012

Our Ref: P51/07
~~A0097~~
07-14041
Enquiries: ☎ 97240087
elzabeth@ardanup.wa.gov.au

18 October 2007

LAURENCE DANIEL HARRIS
PO BOX 54
DARDANUP WA 6236

Dear Sir

**RE: PLANNING CONSENT APPLICATION (EXTRACTIVE INDUSTRY - SAND)
LOT 1 BOYANUP-PICTON ROAD, CROOKED BROOK**

Thank you for the above planning consent application. I am pleased to advise that the application is approved subject to the conditions itemised on the attached Planning Approval notice.

If you have any further queries please do not hesitate to contact Elizabeth Edwards on 97240087.

Yours faithfully

MR ROBERT QUINN
Manager Planning Services

Att.



Development Application: P51/07
Assessment No: A8097

PLANNING AND DEVELOPMENT ACT 2005 (AS AMENDED)
SHIRE OF DARDANUP
DECISION ON APPLICATION FOR PLANNING APPROVAL

The Council having considered the application on the 11 October 2007

Dated: 02/07/2007
Submitted by: LAURENCE DANIEL HARRIS
On behalf of: LAURENCE DANIEL HARRIS
Type of Development: EXTRACTIVE INDUSTRY APPLICATION - SAND
Use Class: EXTRACTIVE INDUSTRY
Location: LOT 1 BOYANUP-PICTON RD CROOKED BROOK 6236

hereby advise that it has decided to

GRANT PLANNING APPROVAL

subject to the following conditions:

- i. The approval is valid for a period of 10 years from the date of approval.
- ii. No access or egress from Garvey Road is permitted.
- iii. The existing access onto Boyanup Picton Road is to be upgraded to the satisfaction of Manager of Technical Services and Main Roads WA, prior to commencement of operation.
- iv. A current public liability insurance policy taken out in the joint names of the Shire of Dardanup and LD & PJ Harris for the amount of \$5,000,000 indemnifying the licensee and the Shire of Dardanup of any one claim relating to any of the extraction operations.
- v. Adequate safety fencing and warning signs are to be placed around the perimeter of the site.
- vi. At the completion of the operation, the land is to be contoured as near as possible to its original condition.
- vii. Dust suppression measures to be implemented to prevent dust occurring off site.
- viii. Extraction area is to be rehabilitated and revegetated within 12 months of the completion of the operation.



- ix. Rehabilitation and Revegetation plan to be submitted for approval, prior to commencement of rehabilitation works.
- x. A cash bond or unconditional bank guarantee to the value of \$9000 for rehabilitation and revegetation, in the favour of Council, to be deposited with Council prior to commencement of extraction works.

Footnote:

- i. Compliance with all relevant legislation (particularly, but not limited to, the Environmental Protection Act) is required at all times.

A handwritten signature in black ink, appearing to read 'R. Quinn'.

.....
MR ROBERT QUINN
Manager Planning Services
For and on behalf of the Shire of Dardanup

11 October 2007

SOUTH WEST OFFICE
18/19 Sturtland St PO Box 2000 08 9280 9300 plunketthomes.com.au
Bunbury WA 6230 Australia Bunbury WA 6230 F 08 9400 9300 domainbyplunkett.com.au



4 August 2017

Shire of Dardanup
PO Box 7016
EATON WA 6232

Dear Sir/Madam

Our ref: 160446

LOT 103 #1293 Boyanup Picton Road, Dardanup

ATTENTION: PLANNING DEPARTMENT

Please accept our application for Development Approval – '**Grouped Dwelling with a variation to a Scheme requirement**' from Plunkett Homes (1903) Pty Ltd for the abovementioned property.

A Development Approval was previously granted for this particular lot, as a Single Dwelling (P68/17), however there was miscommunication between the Landowner and the Builder with regards to the intention of the existing dwelling. Upon the successful consideration of our new proposal, a request to withdraw the existing Development Approval will be submitted.

We enclose the following documentation to support our application:

- **Development Fees** – Plunkett Homes (1903) Pty Ltd, invite Council to consider the minimum fee only to be charged for this proposal (\$147) due to the circumstances. Please contact Kirsten Andric at the office to discuss.
- **SIGNED Development Application Form**
- **Justification Letter**
- **Site Plan (Including Site set out Plan)**
- **Floor Plan**
- **Elevation Plan**
- **Certificate of Title**

Should you have any queries or require additional information, please do not hesitate to contact our office.

Yours sincerely,

A handwritten signature in blue ink that reads "K Andric".

KIRSTEN ANDRIC
The Shire Team
shire_SW@plunkettgroup.com.au

Tuesday 8 August 2017

Shire of Dardanup
1 Council Drive | PO Box 7016
EATON WA 6232

To Whom It May Concern,

**Lot 103 (No. 1293) Boyanup Picton Road, Dardanup West
Proposed Single Residential Dwelling**

This letter has been produced in support of the abovementioned proposal with respect to a variation to the provisions of Shire of Dardanup Local Planning Scheme No. 3 (LPS 3) for:

- LPS 3 Clause 3.14.1 – Small Holding Zones.

The proposal is also subject to the provisions of the Shire's Local Planning Policies.

Background

1. The subject site is zoned 'Small Holding' under the provisions of LPS 3.
2. The subject site is approximately 19,788.76m² (1.98ha) in area.
3. The subject site has an effective lot frontage of 99.7m to Boyanup Picton Road, the primary street, and 118.94m to Harold Douglas Drive.
4. The subject lot is of an irregular shape.



Figure 1: Subject site aerial.

Proposed Variations

LPS 3 Clause 3.14.1 – Small Holding Zones

Clause 3.14.1 of LPS 3 specifies the following in relation to grouped dwellings and lot sizes:

3.14.1 The following provisions shall apply within Small Holding Zones:

...

- (b) Residential development shall in the case of a separate lot of less than 2ha, be limited to a single house only. For a separate lot of 2ha or larger, Council may approve not more than two grouped dwellings.*

...

The subject lot is only approximately 1.98ha in size and is to feature a new grouped dwelling within the site in addition to the existing dwelling. It is understood that the existing dwelling is to be occupied by the parents of the occupants of the proposed dwelling, who are of retirement age. Notwithstanding, it is understood that subject site does is smaller than the minimum required lot size of 2ha. Therefore, a variation of approximately 0.02ha to LPS 3 Clause 3.14.1 is proposed.

Clause 7.6 of LPS 3 outlines provisions which grant the local government the ability to approve of instances of non-compliance with a standard or requirement of the scheme. LPS 3 Clause 7.6.3 outlines the following which must be satisfied for a variation to be considered:

7.6.3 The power conferred by this clause may only be exercised if the local government is satisfied that -

- (a) approval of the proposed development would be appropriate having regard to the criteria set out in clause 7.2.4; and*
(b) the non-compliance will not have an adverse effect upon the occupiers or users of the development, the inhabitants of the locality or the likely future development of the locality.

LPS 3 Clause 7.2.4 specifies the following considerations to be considered by the Shire in determining whether to grant planning approval:

7.2.4 In making its decision on applications for its special approval the Council shall take into consideration the following matters:

- (a) The provisions of this Scheme and of any other Town Planning Scheme affecting the land the subject of the application or affecting land in the vicinity.*
(b) The nature of the proposed development in relation to the development of any land within the vicinity of the said land.
(c) The size, shape and character of the parcel of land to which the application relates and the nature and siting of the proposed building, the view from the building and the interruption of view likely to be caused by the proposed building.
(d) Any representations which may be made by any statutory authority.
(e) The submissions received by the Council.
(f) The existing and likely future amenity of the neighbourhood, including (but without limiting the generality of the foregoing) the question of whether the proposed development is likely to cause injury to such amenity including injury due to the emission of light, noise, electrical interference, vibration, smell, fumes, smoke, vapour, steam, soot, ash, dust, grit, oil, liquid wastes or waste products.
(g) The nature of the roads giving access to the said land.
(h) What parking facilities are available or proposed and the likely requirements for parking.

- (i) *Whether the proposed development will cause a traffic hazard.*
- (j) *Such other matters as the Council considers relevant.*

Justification

The following justification is provided in line with the provisions of LPS 3 to demonstrate proposal's compliance.

LPS 3 Clause 7.2.4

7.2.4 In making its decision on applications for its special approval the Council shall take into consideration the following matters:

(a) The provisions of this Scheme and of any other Town Planning Scheme affecting the land the subject of the application or affecting land in the vicinity.

The proposal is considered to comply with all provisions of the scheme with the sole exception of Clause 3.14.1 in that the lot is approximately 0.02ha below the required size to be permitted to have two grouped dwellings.

(b) The nature of the proposed development in relation to the development of any land within the vicinity of the said land.

The lot size variation of only roughly 1%, in relation to the Clause 3.14.1 requirements it is not considered to be a variation which would be readily noticed by anyone observing the subject site in respect to nearby Small Holding lots within the vicinity. As a result, the nature of the proposed development is considered to be congruent with the character of the locality.

(c) The size, shape and character of the parcel of land to which the application relates and the nature and siting of the proposed building, the view from the building and the interruption of view likely to be caused by the proposed building.

The subject lot is of an irregular shape due to the minor bends of the streets abutting the site along the front and rear boundaries. The proposed dwelling is to be single storey and sited towards the opposite corner of the existing dwelling and facing Harold Douglas Drive. This culminates in a separation distance of more than 83m from the existing dwelling. Given the siting of the proposed dwelling, its size, and the separation distance provided, it is not considered to interrupt any views or contradict the character of the parcel of land.

(e) The submissions received by the Council.

The landowner is not averse to advertising the proposal for comment if required.

(f) The existing and likely future amenity of the neighbourhood, including (but without limiting the generality of the foregoing) the question of whether the proposed development is likely to cause injury to such amenity including injury due to the emission of light, noise, electrical interference, vibration, smell, fumes, smoke, vapour, steam, soot, ash, dust, grit, oil, liquid wastes or waste products.

The proposed single storey grouped dwelling is not considered to adversely impact the amenity of the locality in relation to noise, electrical interference, vibration, smell, fumes, smoke, vapour, steam, soot, ash, dust,

grit, oil, liquid wastes or waste products. Although the proposed dwelling will present an additional light source within the locality, the amount of light anticipated to be emitted is not considered to be unduly bright in nature and will be consistent with the level of light emitted from typical dwellings. As a result, it is not considered to cause injury to the existing and future amenity in respect to emission of light.

(g) The nature of the roads giving access to the said land.

Harold Douglas Drive is considered to be a suitable road for the proposed dwelling to take access from given that there are existing dwellings on nearby lots which also take vehicle access from this road. The portion of Harold Douglas Drive abutting the subject lot is for the most part straight and flat. As a result, the proposed crossover location to Harold Douglas Drive is considered to be safe and appropriate.

(h) What parking facilities are available or proposed and the likely requirements for parking.

The proposed grouped dwelling will feature a garage which can house two cars, while the driveway will incorporate a reversing bay to enable vehicles to leave the subject lot in forward gear. Two car bays are considered to be sufficient in satisfying the parking requirements of the proposed dwelling.

(i) Whether the proposed development will cause a traffic hazard.

Given that Harold Douglas Drive does not experience a large volume of traffic, the road is relatively straight and level towards the subject lot, and that vehicles can enter Harold Douglas Drive in forward gear, the proposal is not considered to present a traffic hazard.

LPS 3 Clause 7.6.3

7.6.3 The power conferred by this clause may only be exercised if the local government is satisfied that -

(b) the non-compliance will not have an adverse effect upon the occupiers or users of the development, the inhabitants of the locality or the likely future development of the locality.

The proposed grouped dwelling is located as far from the existing dwelling within the subject lot as reasonably possible. The dwelling will also be located at a sufficient distance from the dwelling of the southern neighbouring lot, and will be obscured from view by existing vegetation which is to be retained.

Moreover, the dwelling will not be orientated towards the nearby southern adjacent lot, and will feature an alfresco area and sliding door facing towards the north. As a result, the privacy of the neighbouring lot will be respected. Given this, the appropriate lot boundary setback distance provided, and the modest size of the dwelling, the proposal is not considered to have an adverse effect on the existing and future inhabitants within the locality.

Conclusion

The client has chosen this design to maximise their use and function of the property. The designer has been instructed to create a modestly sized home which has been thoughtfully designed by walking a fine line between achieving the most out of the site and maintaining the external amenity of the dwellings. Applying the provisions of LPS 3 against the proposal demonstrates that this design proposal has been able to suitably address the relevant criteria. Accordingly, the above justification is tendered for the Shire's approval.

Please do not hesitate to contact the undersigned, should you wish to discuss any aspects of the proposal further.

Yours faithfully,



David D'Orazio

MA Urban & Regional Planning (Curtin)

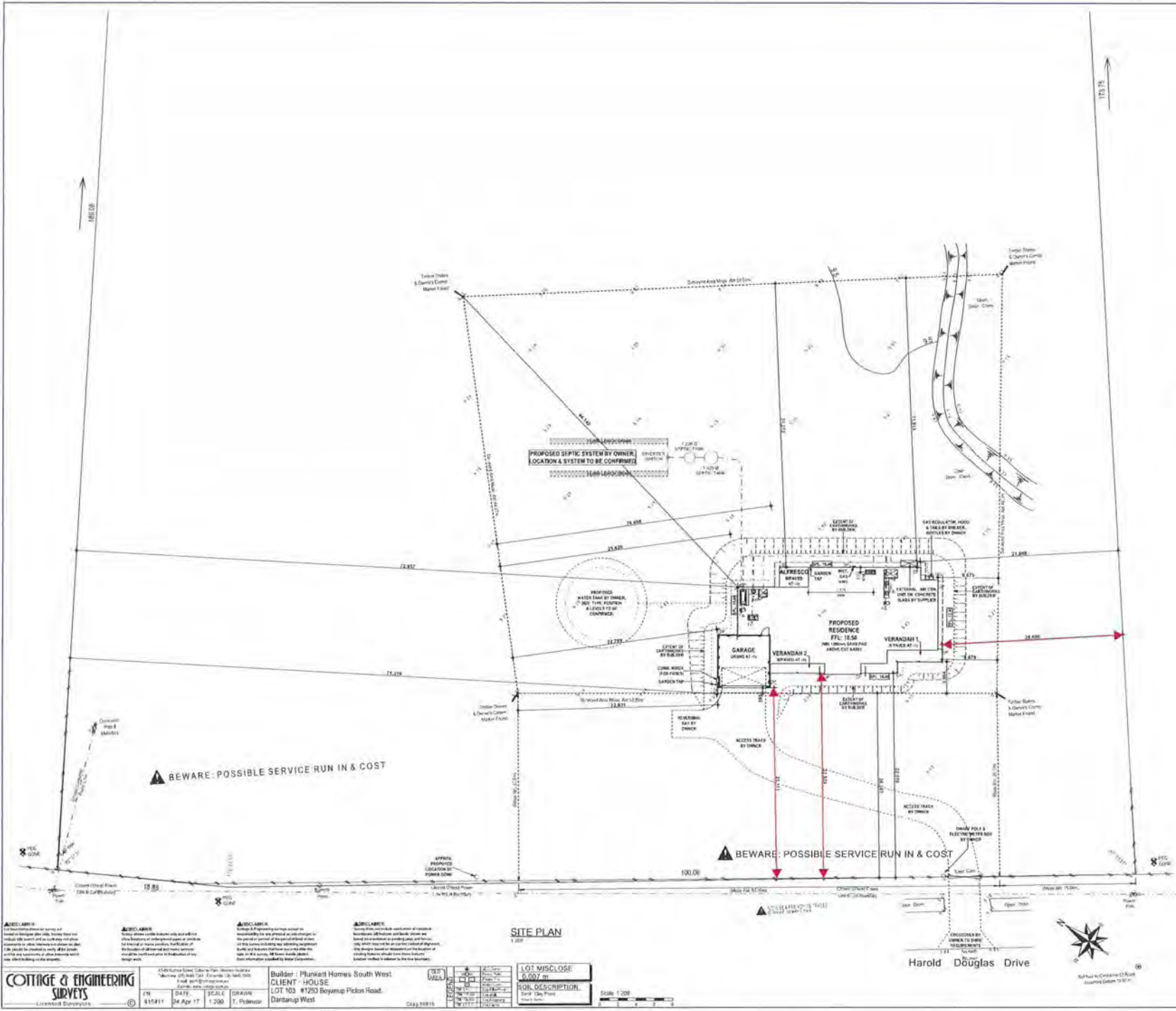
BAppSc (Architectural Science) (Curtin)

Statutory Planner | FORMSCAPE Built form planning solutions

Tel | +618 9355 5484

Email | david@wabca.com.au

Web | www.formscape.com.au



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COTTAGE & ENGINEERING SURVEYS
 Licensed Surveyors

1240 Victoria Street, Suite 101, Melbourne, Victoria 3000
 Telephone: 03 9447 7247 Fax: 03 9447 7200
 Email: info@cottageandengineering.com.au
 Website: www.cottageandengineering.com.au

Builder: Plunkett Homes South West
 CLIENT - HOUSE
 LOT 103 #1253 Boyanup Picken Road,
 Dardanup West

NO.	DATE	SCALE	DRAWN
1	4/15/11	1:200	T. Polunsky

LOT MISC/CLOSE	SOIL DESCRIPTION
6.002 m	See Site Plan

Scale 1:200

SITE PAYING AREAS	
LOCATION	AREA
VERANDAH 1	21.41
VERANDAH 2	2.11
TOTAL	23.52

ADDITIONAL NOTES:
 1. POINT NUMBER INTERFERED (see attached)

WORK CLASSIFICATION PER A.S. 4511:
 1. FOR REGULATORY REFERENCE

- NOTES:**
- 1. EXISTING CURB, GULLY, TO BE MAINTAINED WITHIN EXISTING POSITION.
 - 2. EXISTING CURB, GULLY, TO BE MAINTAINED WITHIN EXISTING POSITION.
 - 3. EXISTING CURB, GULLY, TO BE MAINTAINED WITHIN EXISTING POSITION.
 - 4. EXISTING CURB, GULLY, TO BE MAINTAINED WITHIN EXISTING POSITION.
 - 5. EXISTING CURB, GULLY, TO BE MAINTAINED WITHIN EXISTING POSITION.

EXISTING FRONT AREA - (BMA 12.25.01)
 1. EXISTING CURB, GULLY, TO BE MAINTAINED WITHIN EXISTING POSITION.

ALL CHANGES:
 1. ALL CHANGES TO BE MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL GOVERNMENT'S DEVELOPMENT PERMITS PROCESS.

SOUTHAMPTON FOUNDATION

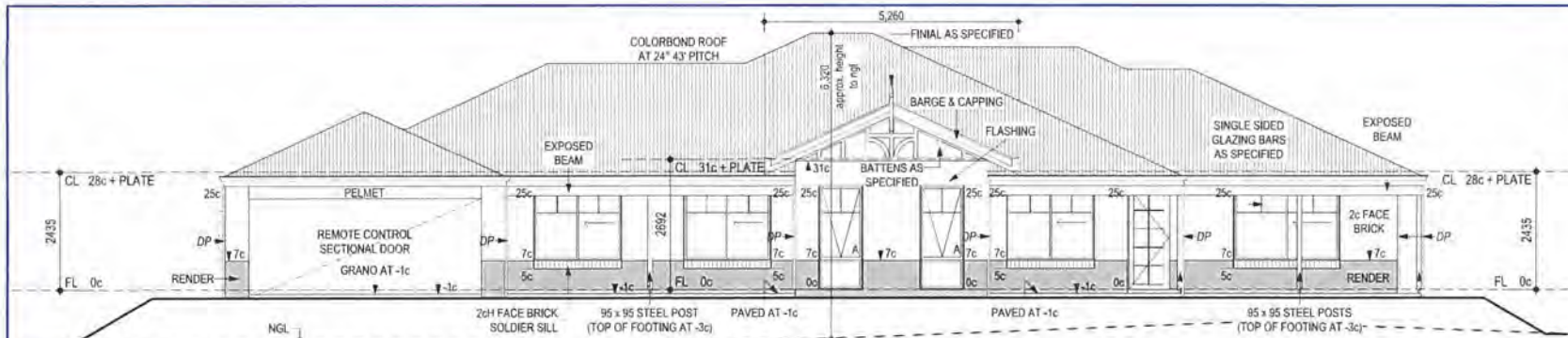
REV.	DATE	BY	CHKD.	DATE

WORKING DRAWINGS
 THIS IS ONE OF THE DRAWINGS REFERRED TO IN THE CONTRACT.

NO.	DATE	SCALE	DRAWN
3	08.05.17		

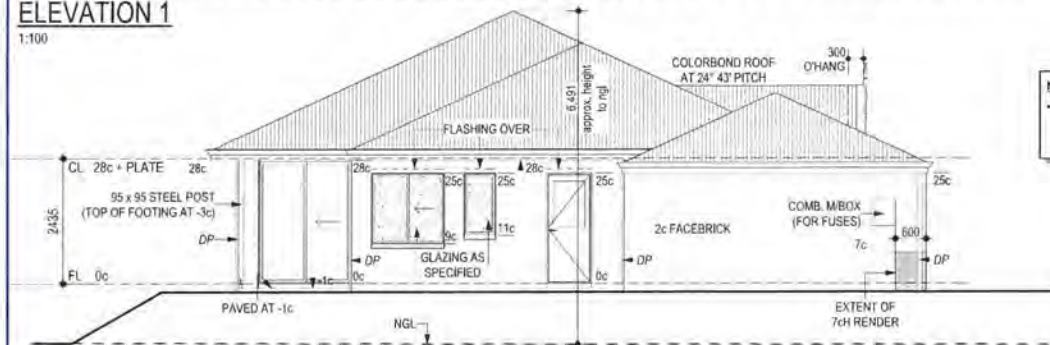
160445
 08.05.17





ELEVATION 1

1:100



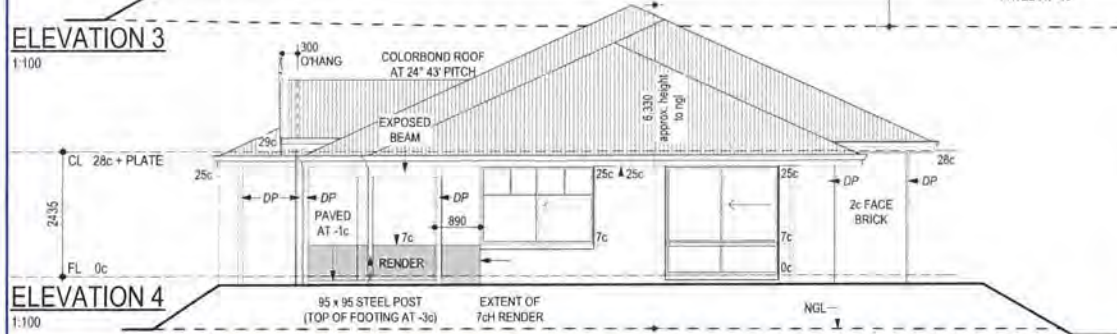
ELEVATION 2

1:100



ELEVATION 3

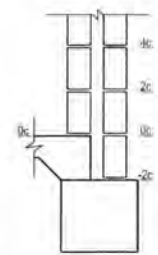
1:100



ELEVATION 4

1:100

NOTE:
 • OWNER TO SUPPLY & INSTALL ROOF COVER IN ACCORDANCE WITH BUILDER'S PROGRAMME.



DETAIL BRICK COURSING

1:20

INSULATION NOTE:
 • PROVIDE INSULATION AS PER ADDENDA.
 • R4.0 BATT INSULATION TO ALL FLAT CEILINGS INCLUDING GARAGE BUT EXCLUDING VERANDAH, ALFRESCO & EAVES.
 • ROOF FIRE BLANKET TO BE SUPPLIED & INSTALLED BY OWNER.

WIND CLASSIFICATION AS PER A.S. 4055:
 N2 - FOR GROUND STOREY OF RESIDENCE

CONSTRUCTION NOTE:
 TIMBER ROOF FRAME TO A.S.1684.

BUSHFIRE PRONE AREA - (BAL-12.5) - rsw requirements:
 DWELLING COMPLIES TO BCA 3.7.4 AND AS 3959.

SOUTHAMPTON FOUNDATION

TYPE 2c-BANK SPEC CLASSIC

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MODEL N°



Unit 18, Block B, Homemaker Centre,
 42 Strickland Street, Bunbury, W.A. 6230,
 PO Box 6060, South Bunbury, W.A. 6231.
 Ph 08 9780 9300,
 Fx 08 9780 9399.
 www.plunkethomes.com.au

(New Building N° 7495, A.B.N. 68 094 250 373)

REV	VO #	DRN	DATE	CHK
		VN-JC	08.06.17	SG

Sub-contractors to verify all dimensions on site.

WORKING DRAWINGS

THIS IS ONE OF THE DRAWINGS REFERRED TO IN THE CONTRACT.

DATED:/...../.....

OWNER WITNESS
 OWNER WITNESS
 BUILDER WITNESS

CLIENT:
 HOUSE

ADDRESS:
 LOT 103 (#1293)
 BOYANUP-PICTON ROAD
 DARDANUP WEST

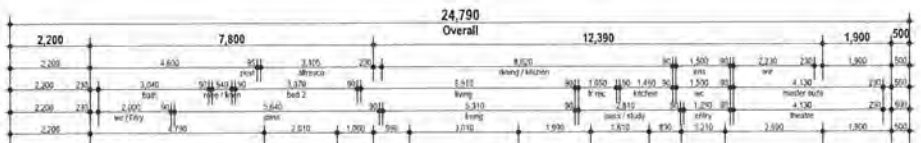
SHEET N° **5 OF 9**
 JOB N° **160446**
 REVISION DATE **08.06.17**



(Appendix ORD: 12.5A)

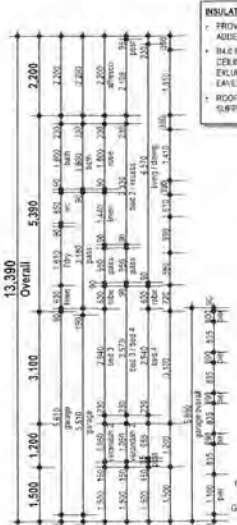
AIR CONDITIONER LEGEND:

- AIR CONDITIONER (RETURN AIR FILTER) 180 x 580 TRIM JUST TO SUIT
- AIR CONDITIONER EXTERNAL UNIT
- CEILING OUTLET DIFFUSER
- AIR COIL CONTROLLER AT 1700MM (BUILDER TO PROVIDE 25mm CONDUIT ONLY (WHERE SHOWN ON AN INTERNAL WALL))
- PROVIDE DUCTED REVERSE CYCLED AIR CON.



Floor Areas			
Floor	Location	Area	Perimeter
Ground Floor	HOUSE	261.80	67.96
	GARAGE	33.80	23.96
	VERANDAH 1	12.43	23.38
	ALFRESCO	7.04	10.80
	VERANDAH 2	6.21	14.12
		261.14 m²	133.62 m
Roof Area Calculation - Ground Floor			
Floor	Pitch	Area (flat)	Area (pitched)
Ground Floor		278.82	306.98
		278.82 m²	306.98 m²

CONSTRUCTION NOTE:
TIMBER ROOF FRAME TO A.S.1584.



INSULATION NOTE:

- PROVIDE INSULATION AS PER A.S.1584.
- R-6 BATT INSULATION TO ALL FLAT CEILING INCLUDING GARAGE BUT EXCLUDING VERANDAH, ALFRESCO & EAVES.
- ROOF FIRE BLANKET TO BE SUPPLIER & INSTALLED BY OWNER.

NOTE:

- 20' CEILING THROUGHOUT UNLESS NOTED OTHERWISE.



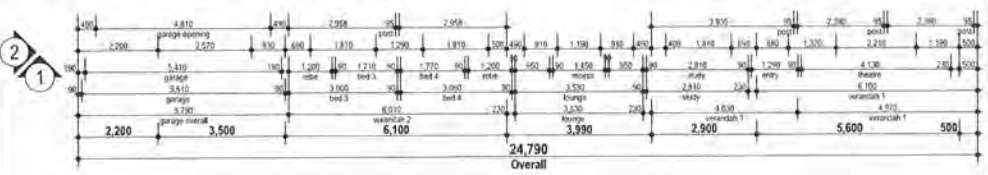
WIND CLASSIFICATION AS PER A.S. 4555:
10 - FOR GROUND STOREY OF RESIDENCE.

BUSHFIRE PRONE AREA - (BAL-12.5)
RESIDENCE
DWELLING COMPLIANT TO BCA 1.7.4 AND AS 3298

FLOOR PLAN
1:100

PLAN LEGEND

- INTER-CONNECTED EFFECT WIRED SMOKE DETECTOR TO A.S. 3786 - 2014
- CEILING VENT - FLUMED
- CEILING VENT - UNFLUMED
- EXHAUST FAN - CEILING MOUNTED WITH DRAFT STOPPER (FLUMED TO EXTERNAL AIR)



NOTE:

- DO NOT SCALE FROM DRAWINGS.
- VERTICAL BRICK CORNSING HEIGHTS ARE RELATED TO STD BRICK SIZES.
- ALL INTERNAL DIMENSIONS ARE TO BRICK BAYS (NOT FINISHED SIZES).
- THE CONSTRUCTION OF TALLS REFERRED TO IN THESE DOCUMENTS DO NOT FORM PART OF THE CONTRACT DOCUMENTS & MAY BE CHANGED AT ANY TIME WITH-OUT NOTICE AT THE BUILDER'S DISCRETION.
- POSITIONS OF DOOR/KIPS ARE INDICATIVE ONLY & MAY BE CHANGED AT THE BUILDER'S DISCRETION.
- PROVIDE CORNER CASING READS TO ALL INTERNAL PLASTERED CORNERS EXCLUDING WINDOW BAYS HEADS & REVEALS.
- WC NOTES LEFT OFF HIGES.

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Plunkett Homes

Unit 10, Block B, HomeMaker Centre,
42 Stockland Street, Bunbury, W.A. 6230,
PO Box 6060, South Bunbury, W.A. 6231.
Ph 08 9780 9300,
Fx 08 9780 9399.
www.plunketthomes.com.au

REV	NO #	DATE	CHK
		08.06.17	SG

Sub-contractors to verify all dimensions on site

WORKING DRAWINGS
THIS IS ONE OF THE DRAWINGS REFERRED TO IN THE CONTRACT.

DATE: _____

OWNER: _____ WITNESS: _____

OWNER: _____ WITNESS: _____

BUILDER: _____ WITNESS: _____

CLIENT: HOUSE

ADDRESS:
LOT 103 (#1293)
BOYANUP-PICTON ROAD
DARDANUP WEST

SHEET: 4 OF 9

JOB #: 160446

REVISION: DATE: 08.06.17

Appendix ORD: 12.5A)

Alice Baldock

From: Gavern House <gavern@alphapest.com.au>
Sent: Tuesday, 29 August 2017 8:57 AM
To: Submissions Planning
Subject: Application for Development approval Proposed Group Dwelling at Lot 103-1293 Boyanup-Picton Road Dardanup West

To: Chief Executive Officer
Shire of Dardanup

Dear Sir/Madam

We are responding to a letter received from the Shire of Dardanup RE: Application for Development Approval Proposed Group Dwelling at (LOT 103-1293 Boyanup-Picton Road Dardanup West).

As immediate neighbours we have absolutely no objections to this application and wish the property owners all the very best with their exciting new venture.

Kind Regards

Justine Goff & Gavern House

1303 Boyanup-Picton Road Dardanup

SHIRE OF DARDANUP

MINUTES OF THE SHIRE OF DARDANUP ROADWISE COMMITTEE MEETING HELD ON THURSDAY 10 AUGUST 2017, AT SHIRE OF DARDANUP – ADMINISTRATION CENTRE, EATON, COMMENCING AT 3.30PM.

1 DECLARATION OF OPENING/ANNOUNCEMENT OF VISITORS

Cr. A Mountford, Chairperson, declared the meeting open at 3.30pm, welcomed those in attendance and referred to the Disclaimer, Emergency Procedure and the Affirmation of Civic Duty and Responsibility on behalf of Councillors and Officers:

Acknowledgement of Country

The Shire of Dardanup wishes to acknowledge that this meeting is being held on the traditional lands of the Noongar people. In doing this, we recognise and respect their continuing culture and the contribution they make to the life of this region by recognising the strength, resilience and capacity of Gnaala Karla Booja people in this land.

Affirmation of Civic Duty and Responsibility

Councillors and Officers of the Shire of Dardanup collectively declare that we will duly, faithfully, honestly and with integrity fulfil the duties of our respective office and positions for all the people in the district according to the best of our judgement and ability. We will observe the Shire's Code of Conduct and Standing Orders to ensure efficient, effective and orderly decision making within this forum.

Emergency Procedure

In the event of an emergency, please follow the instructions of the Chairperson who will direct you to the safest exit route. Once outside, please proceed to the Assembly Area points located to the western side of the front office car park near the skate park and gazebo where we will meet (and complete a roll call).

2. RECORD OF ATTENDANCE/APOLOGIES/LEAVE OF ABSENCE PREVIOUSLY APPROVED
--

2.1 Attendance

Cr. Danny Harris	-	Elected Member
Cr. Allen Mountford	-	Elected Member
Cr. James Lee	-	Elected Member
Mr Luke Botica	-	Director Engineering & Development Services
Ms Nicola Smith	-	Regional Road Safety Officer
Mrs Jill Cross	-	Community Representative
Mrs Vicki Skaha	-	Community Representative
Mr Sam Stubbs	-	Engineering Technical Officer

2.2 Apologies

Ms Fiona Sargent - Main Roads WA Representative
Police District Traffic Co-ordinator
Australind Police Department
Dardanup Primary School Representative

3. PETITIONS/DEPUTATIONS/PRESENTATIONS

None.

Ms Nicola Smith joined the meeting [3.31pm].

4. CONFIRMATION OF MINUTES OF PREVIOUS MEETING

4.1 Roadwise Committee Meeting Held 10 August 2017

ROADWISE COMMITTEE RESOLUTION

RW 03-17 MOVED - Cr. J Lee SECONDED - Mrs J Cross

THAT the Minutes of the Roadwise Committee Meeting held on 10 August 2017, be confirmed as true and correct subject to no corrections.

CARRIED
8/0

5. ANNOUNCEMENTS OF MATTERS FOR WHICH MEETING MAY BE CLOSED

None.

6. QUESTIONS BY MEMBERS OF WHICH DUE NOTICE HAS BEEN GIVEN

None.

7. DECLARATION OF INTEREST

None

8 REPORTS OF OFFICERS AND COMMITTEES**8.1 Title: Dardanup Roadwise Committee – Strategic Action Plan**

The Committee will be reviewing the Strategic Action Plan with the assistance of the Regional Road Safety Officer, Nicola Smith.

At the last meeting, it was agreed that Committee members would consider road safety topics and actions for the Committee, and to bring their ideas to this meeting. All ideas will be considered by the Committee for possible inclusion in the revised Strategic Action Plan. All Committee members have been provided a template for the new Strategic Action and should use this when considering possible topics and actions. The template was distributed to all Committee members via email since the last meeting – if any members did not receive a copy or require additional copies, please contact the Shire office.

Discussion:

Ms Nicola Smith – We need to look at realistic actions for the Committee to take. I have pulled out some actions from past meetings to get us started; for example, In Safe Road Use, the 'be seen be safe campaign' for cyclists and information about child car restraints. Should I compile all this information and send back to the Committee?

Director Engineering & Development Services, Mr Luke Botica – We will collate ideas at this meeting and then form an action plan.

Ms Nicola Smith – I also have Seniors Road Safety, Skipper Programs, Blessing of the Roads, Ribbons for Road safety. Are there other areas you would like to prioritise?

Mrs Jill Cross – What about the reduction of speed limits on some roads?

Director Engineering & Development Services, Mr Luke Botica – Seat belt usage could be included under the speed section – in a lot of rural area accidents, seat belts aren't worn.

The Committee agreed that seat belt usage should be considered.

Mrs Vicki Skaha – Blessing of the roads can be contentious so we won't consider that at this stage. I think it would be good to include a seat belt campaign over Easter.

Cr. J Lee – Is it true that lollipop ladies can't report traffic offenders (for example, for speeding)?

Ms Nicola Smith to follow up if this is allowed or not.

Ms Nicola Smith - WALGA have approved the Road Safety Ribbons for the next year. The campaign has been revamped a bit. There is an opportunity for Shires to purchase their own banner with both the Roadwise and Shire logo. You could maybe display a banner near where the ribbons are displayed at reception. Do you normally do a lot with this campaign?

Director Engineering & Development Services, Mr Luke Botica – We put the ribbons out but not much in the way of posters.

Ms Nicola Smith – We could do a media release, distribute over social media etc. The campaign starts on the 19th of November. Safe roads and road signs – the Shire is already doing many things here, road audits, black spot funding, lobbying for more road funding, road design etc, so this is not really an 'awareness' type area.

Mrs J Cross – Would this include providing bicycle paths?

Director Engineering & Development Services, Mr Luke Botica – Yes. Mostly engineering related solutions in this category. If there are any issues identified we could lobby to have them resolved.

Ms Nicola Smith – With regard to safe speeds, in the past we had 'Slow down in the Shire of Dardanup' stickers. Priority areas from the old plan are something around mobile speed (mobile speed trailer?), or if we look at funding for loaning the courtesy speed signs.

Director Engineering & Development Services, Mr Luke Botica – Putting a number up on the mobile speed trailer can encourage speeding. Perhaps it would be better to put a happy or sad face indicator instead.

Ms Nicola Smith – If we're interested in this we should book in a month or so. Then build it in around other safe speed messaging.

Director Engineering & Development Services, Mr Luke Botica – It would be good to book this in for when the new bridge is open.

Ms Nicola Smith – We need to be aware that Main Roads will not approve these signs to be on their roads (eg major highways). We could put them up along local government roads only.

Director Engineering & Development Services, Mr Luke Botica – Putting the signs along Eaton Drive and Hamilton Road would be good; also Pratt Road.

Ms Nicola Smith advised she would provide more information on this.

Cr. J Lee – After the 'Slow Down – Consider Our Kids' bin stickers were noted as available at our last meeting, I advised on social media and on the website that the bin stickers were available. It didn't suit most people to collect them from the Shire office during business hours, so I made some available for pickup at my letterbox instead. I also dropped some off at Eaton and Glen Huon Primary schools.

Cr. J Lee – With regard to the 'Be Seen, Be Safe' campaign, we have commenced and are meeting up with a promotion company. We still need a catchy slogan. We're getting a decent discount on the associated costs. Is it possible, since we have a website and flashing LED sign, that we should have the Shire's media liaison officer [Mrs Kristy Hitchens] at these meetings?

Director Engineering & Development Services, Mr Luke Botica – Yes, we can invite her to the meetings.

Ms Nicola Smith – The Safe Speed Promise stickers come with a ready made piece of artwork that can be customized with the Shire's logo and encourages people to take action on their street. I can supply the stickers. Another idea is to put this artwork on a sign or banner, and sign it as an organization with with an associated media release.

Director Engineering & Development Services, Mr Luke Botica – This should be included in the action plan for consideration.

Mrs J Cross – On the subject of safe speeds, is this where we can include something about lobbying Main Roads for lowering the speed limit in high risk areas? We'd asked for the speed limit near Hynes Road to be reduced on several occasions but it took more fatalities before this was done.

Director Engineering & Development Services, Mr Luke Botica – We can suggest something in regard to speed zones, eg. Boyanup-Picton Rd. Traffic Count can be tabled.

Cr. L D Harris – Unless we keep putting these issues in front of Main Roads, we won't get action.

Cr. J Lee – Should this be the Committee that looks after the Shire's CCTV cameras?

Director Engineering & Development Services, Mr Luke Botica – Those cameras are fixed, not mobile, so not suitable for road safety. They're more for discouraging antisocial behavior.

Mrs Nicola Smith – Have you done anything specifically for safe vehicles before? Does the Shire have a fleet safety policy?

Director Engineering & Development Services, Mr Luke Botica – We do talk about the vehicle fleet in terms of safety ratings. But through this committee we can look into it further.

Ms Nicola Smith – WALGA recently focused on the tyre pressure/tread of their fleet vehicles, which we could add to the list. When young people looking at buying their first cars – we could consider the Amcap safety rating of those vehicles. We could also do a vehicle check sheet - for example, a physical walk around your vehicle, checking that fittings are secure and lights are working. I've seen a lot of people driving around with only one functional headlight. We could start a campaign around this.

Mrs Jill Cross – I think a checklist is good idea.

Director Engineering & Development Services, Mr Luke Botica – Could we look at a campaign about roundabouts and their usage? When I was at the Shire of Collie we had a poster ad campaign on how to use roundabouts correctly. The road rules at the intersections at Eaton Drive, for example, are often misunderstood.

Ms Nicola Smith – This could also benefit from regional focus.

The Committee agreed to bring these items back to the next meeting, and to create a monthly planner as to when campaigns will launch.

ACTION:

Create a Monthly Planner for Strategic Action Plan to diarise the launch of Safety Campaigns for Roadwise.

8.2 Title: Dardanup Roadwise Committee Action Sheet

Below is the update on projects for the Committee member's information, any queries regarding the progress of an item, please contact the Director Engineering & Development Services.

MEETING DATE.	PERSON RESPONSIBLE	ACTION	OUTCOME	STATUS
12/05/16	Sam Stubbs	Organise for the SAM trailer to be used in hot spots to notify drivers of their speed.	No further update. 14/09/17 - Item to be removed.	Completed
12/05/16	Luke Botica	Liaise with Roadwise to obtain funding for its own SAM Trailer.	No further update. Was with Roadwise – status unclear due to staff changeover. 14/09/17 - Depends on other alternative signs available – Item to be removed.	Completed
12/05/16	Jill Cross	Liaise with new Management of the Dardanup Tavern regarding the Skippers Program.	No further update. Still waiting to make contact with the Manager. 14/09/17 – Program material has been dropped off at the Tavern and have also spoken to Tavern staff. Still waiting to contact manager	Ongoing
12/05/16	Sam Stubbs	Organise information to be added to the Dardanup Times Newsletter from the Roadwise Meetings.	Sam Stubbs and Luke Botica to discuss further. Mrs Jill Cross to look into this and add information about the cycle lights. 14/09/17– No update. Mrs Kristy Hitchens' attendance at meetings going forward would help from a media distribution perspective.	Ongoing
28/07/16	Luke Botica	Discuss with Mainroads the changes in the traffic lights at Eaton Drive and Recreation Drive.	Correspondence sent although no information received back as yet – 13/10/16. 14/09/17 – No response received. Item to be removed.	Completed
13/10/16	Committee	Work on a joint promotion between the Shire of Dardanup and the local	Cr. J Lee advised that he has spoken to a few cycle shops and Fitzroy's Cycles are keen to come on board,	Ongoing

MEETING DATE.	PERSON RESPONSIBLE	ACTION	OUTCOME	STATUS
		Cycle Shops in Bunbury.	although would like an email from the Committee regarding information and how the campaign will be run. The Committee agreed on the name "Be Seen, Be Safe" for the campaign. 14/09/17 – Cr. J Lee to follow up. Campaign likely to run in October.	
13/10/16	Cr. James Lee, Cr. Danny Harris	Approach the Dardanup Lions and the Millbridge Lions for their help in the application of these stickers.	Stickers have arrived and the Committee now needs a plan for distribution. 14/09/17 – Stickers will be distributed to Dardanup and Burekup. They will be sent over in the Dardanup internal mail.	Completed
8/12/16	Cr. J Lee and Mrs J Cross	Discuss with Kristy the "Be Safe, Be Seen" campaign, including dates, promotion information and photographs.		Completed
10/08/17	Nicola Smith	Provide booking information on signage available to loan through WALGA	Item to be removed.	Completed
10/08/17	Snr Sgt Smith and Luke Botica	Write to Main Roads to give the Committees support for a reduction of the speed limit on Boyanup-Picton Road.	Letter sent from the Shire. 14/09/17 – Still waiting on a response.	Completed
10/08/17	Nicola Smith	Send through a template for the new Strategic Action Plan to be discussed at the next meeting on Thursday 7 September 2017.	Item to be removed.	Completed

9. ELECTED MEMBER MOTIONS OF WHICH PREVIOUS NOTICE HAS BEEN GIVEN

None.

10. NEW BUSINESS OF AN URGENT NATURE

None.

11. MATTERS BEHIND CLOSED DOORS

None.

12. CLOSURE OF MEETING.

There being no further business the Chairperson declared the meeting closed at 4.25pm.

SHIRE OF DARDANUP**MINUTES OF THE SHIRE OF DARDANUP OCCUPATIONAL SAFETY & HEALTH COMMITTEE MEETING HELD ON WEDNESDAY 20 SEPTEMBER 2017, AT SHIRE OF DARDANUP – EATON ADMINISTRATION CENTRE, COMMENCING AT 1.00PM.****1 DECLARATION OF OPENING/ANNOUNCEMENT OF VISITORS**

Cr M T Bennett, declared the meeting open at 1.00pm, welcomed those in attendance and referred to the Acknowledgement of Country, Disclaimer and the Affirmation of Civic Duty and Responsibility on behalf of Councillors and Officers:

Acknowledgement of Country

The Shire of Dardanup wishes to acknowledge that this meeting is being held on the traditional lands of the Noongar people. In doing this, we recognise and respect their continuing culture and the contribution they make to the life of this region by recognising the strength, resilience and capacity of Gnaala Karla Booja people in this land.

Affirmation of Civic Duty and Responsibility

Councillors and Officers of the Shire of Dardanup collectively declare that we will duly, faithfully, honestly and with integrity fulfil the duties of our respective office and positions for all the people in the district according to the best of our judgement and ability. We will observe the Shire's Code of Conduct and Standing Orders to ensure efficient, effective and orderly decision making within this forum.

Emergency Procedure

In the event of an emergency, please follow the instructions of the Chairperson who will direct you to the safest exit route. Once outside, please proceed to the muster point located at the front of the building where we will meet (and complete a roll call).

2. RECORD OF ATTENDANCE/APOLOGIES/LEAVE OF ABSENCE PREVIOUSLY APPROVED**2.1 Attendance**

Cr Mick Bennett	- Elected Member – Chairperson
Cr James Lee	- Elected Member
Mr Mark Chester	- Chief Executive Officer
Mr Anton Manning	- Senior OSH Coordinator
Mrs Antonette O'Kane	- OSH Advisor
Ms Andrea Carew-Reid	- Administration Centre Eaton Representative
Mrs Tracey Maisey	- Administration Centre Eaton Representative [1.10pm]
Mrs Christine Kennedy	- Parks & Gardens Representative
Mr Adam Herbert	- Dardanup Outside Works Representative
Ms Neroli Logan	- LGIS Regional Risk Coordinator SW

- | | |
|-------------------|---|
| Mrs Donna Bullen | - Senior HR Coordinator [Proxy] |
| Cr Peter Robinson | - Elected Member (Observer) |
| Ms Wills Pomare | - Eaton Recreation Centre Representative [1:09pm] |

2.2 Apologies

- | | |
|-----------------|--------------------------------|
| Mrs Cathy Lee | - Manager Governance & HR |
| Mrs Helen Ammon | - Eaton Library Representative |

3. PETITIONS/DEPUTATIONS/PRESENTATIONS

None.

4. CONFIRMATION OF MINUTES OF PREVIOUS MEETING

4.1 Occupational Safety & Health Committee Meeting Held 28 June 2017

OCCUPATIONAL SAFETY & HEALTH COMMITTEE RESOLUTION

OSH 09-17 MOVED - Mr Adam Herbert SECONDED - Mr Anton Manning

THAT the Minutes of the Occupational Safety & Health Committee Meeting held on 28 June 2017, be confirmed as true and correct subject to no corrections.

CARRIED

5. ANNOUNCEMENTS OF MATTERS FOR WHICH MEETING MAY BE CLOSED

None.

6. QUESTIONS BY MEMBERS OF WHICH DUE NOTICE HAS BEEN GIVEN

None.

7. DECLARATION OF INTEREST

Discussion:

Chairperson, Cr. M T Bennett asked Councillors and staff if there were any Declarations of Interest to be made.

There was no response.

8 REPORTS OF OFFICERS AND COMMITTEES8.1 Title: OSH Committee Outcomes From Previous Meetings

Reporting Department: Executive – HR/OSH

Reporting Officer: Mr Anton Manning - Senior OSH Coordinator

Legislation: Occupational Safety and Health Act 1984

Officer Comment

See attached (Appendix OSH: 8.1) OSH Committee Outcome listing for an update on the follow up of each of the Committee Resolutions and actions. As each action is completed, it will be removed from the list following the current OSH Committee meeting.

For Information.

RECEIVED

8.2 Title: Workplace Inspections

Reporting Department: Executive – HR/OSH

Reporting Officer: Mr Anton Manning - Senior OSH Coordinator

Legislation: Occupational Safety and Health Act 1984

Background -

Each Safety Representative is to undertake Workplace Inspections on a minimum of a quarterly basis. See attached inspection reports:

- Administration Centre Eaton (Appendix OSH: 8.2A)
- Dardanup Office (Appendix OSH: 8.2B)
- Dardanup Depot (Appendix OSH: 8.2C)
- Eaton Recreation Centre (Appendix OSH: 8.2D)
- Eaton Library (Appendix OSH: 8.2E)

Inspection Report for Parks & Gardens Depot Eaton has been deferred to next meeting where it will be merged into the Dardanup Depot's Inspection Report.

Officer Comment

Each of the identified actions required in the Workplace Inspection Reports for this quarter are appended and will be resolved prior to the next OSH meeting.

See attached for updates on hazards previously identified and actioned (Appendix OSH: 8.2F).

Discussion:

Shire President Mr Michael Bennett made comment that he noted that the carpet had been fixed since the last meeting.

OCCUPATIONAL SAFETY & HEALTH COMMITTEE RESOLUTION

OSH 10-17 MOVED - Ms Antonette O'Kane SECONDED - Mrs Christine Kennedy

THAT the Occupational Safety and Health Committee receive the Workplace Inspection Reports for the quarter ending September 2017.

CARRIED

8.3 Title: OSH Incident/Accident Quarterly Report

Reporting Department: Executive – HR/OSH

Reporting Officer: Mr Anton Manning – Senior OSH Coordinator
Mrs Antonette O'Kane – OSH AdvisorBackground

THREE MONTHLY OSH INCIDENT REPORTING UPDATE			
INCIDENT / ACCIDENT DATE	CATEGORY	DEPARTMENT	DESCRIPTION
07/06/17	Near Miss	Parks and Gardens	Whilst spreading mulch with tractor, mulch was pushed up against fence and fence was pushed out of place, no damage to fence, just movement.
12/06/17	Report Only Non-employee	Rec Centre	During a basketball game the scorer was injured when the subs horn exploded when she pressed the button on it to activate the horn. Minor injury.
26/06/17	Near Miss	Works	Carrying spray pack to tap for cleaning / checking before taking out to use for the day. Nozzle on sprayer was faulty and sprayed back onto employee's body and face. Rinsed face with fresh water and spray pack tagged out.
04/07/17	Near Miss	Works	Tipper truck entered traffic lane causing near miss with oncoming Shire Vehicle. Truck moved from controlled road work area into traffic lane. Employee counselled by Supervisor.
13/07/17	Property damage	Parks and Gardens	Employee came to a stop at the intersection of Cudliss street and Hands Avenue. Employee looked both ways and edged forward and suddenly came in contact with a white vehicle. Damage to two vehicles and no injuries. Insurance claim made.
01/08/17	Property damage	Recycling Facility	The recycling facility incurred a break in, a vehicle was utilised to ram the gate and the office facility. The front panels of the onsite office were completely destroyed and items stolen as listed on incident report. A vehicle was also utilised to create damage at the Dardanup office lawn area. The break-in was attended by WAPol.

Discussion:

Shire President, Cr Michael Bennett questioned whether the pressure pack explosion at the Eaton Recreation Centre was a one off. Senior OSH Coordinator advised that it was very unusual and that the injury was more shock than anything else. This incident was not investigated because it was an external event.

OCCUPATIONAL SAFETY & HEALTH COMMITTEE RESOLUTION

OSH 11-17 MOVED - Ms Andrea Carew-Reid SECONDED - Mr Anton Manning

THAT the Occupational Safety and Health Committee receive the Accident/Incident Report for the quarter ending September 2017.

CARRIED

8.4 Title: OSH Dashboard

Reporting Department: Executive – HR/OSH

Reporting Officer: Mrs Antonette O’Kane – OSH Advisor

Legislation: Occupational Safety and Health Act 1984

Officer Comment

See attached OSH Dashboard for June - August 2017 (Appendix OSH: 8.4).

Discussion:

OSH Advisor, Antonette O’Kane, advised that the Dashboard is now capturing the Safety Representative’s action items and that these items have now all been closed out. There have been no incidents causing harm or injury.

Senior OSH Co-ordinator, Anton Manning has held a toolbox focussing on chainsaw use and PPE. He advised that all crew members have now been provided their own PPE.

Ms Neroli Logan, LGIS Regional Risk Coordinator SW commented that the Dashboard and the fact that all action items reported had been closed out was very impressive and congratulated the safety team.

Shire President, Cr Michael Bennett also commented that he was very impressed with everything that had been put in place and thanked the Committee.

For Information.

RECEIVED

Note: Ms Wills Pomare, Eaton Recreation Centre Representative joined the meeting [1.09pm].

8.5 Title: Updates/Actions on Three Steps to Safety Plan

Reporting Department: Executive – HR/OSH

Reporting Officer: Mr Anton Manning - Senior OSH Coordinator

Legislation: Occupational Safety and Health Act 1984

Background

The latest LGIS Audit under the 3 Steps to Safety Plan was undertaken on 29 September 2016. The outcome of the audit for the Shire of Dardanup was 72%. Improvements over each quarter are reported to the OSH Committee.

Element 2.6	Potential emergency situations have been identified and relevant emergency procedures are in place.
Original Findings 10/12/15:	Insufficient.
Comment	Further works have been carried out for Element 2.6 to make improvements:
Actions reported at 20/09/2017	<ul style="list-style-type: none"> • Forty area wardens trained for the Eaton Rec Centre and the Eaton Administration building. • A desk top training exercise conducted for wardens to simulate a response to an emergency and to educate and raise emergency awareness for wardens. • Two First aiders provided at the Eaton administration centre provided with separate first aid kits. • A review has been conducted of the Shire of Dardanup Managing Emergencies in Shire Facilities [MESF] Plan by Shire of Dardanup CEO, Directors, Managers and OSH team. • The MESF plan has been updated to include all facilities owned by the Shire of Dardanup that require an emergency planning process. • Scheduling of a biennial review of the MESF Plan has been put in place. To assist in Managing Emergencies in the Administration Centre Eaton, the following has occurred: <ul style="list-style-type: none"> - The establishment of an emergency evacuation alarm and communication system at the Eaton administration centre as part of the MESF Plan The provision of warden training to Shire staff for emergency evacuations including provision of warden vests, hats and grab bags. - The provision of training to Shire staff for fire equipment familiarisation training.

Element 2.6	Potential emergency situations have been identified and relevant emergency procedures are in place.
	<ul style="list-style-type: none"> - The development of an annual auditing and checking process of all Shire buildings for fire and emergency sufficiency. - The development of checklists for Chief Wardens, wardens and the auditing of shire buildings annually. - A communication process with Eaton Fair Shopping Centre in the event of an emergency. - The reissue of building specific emergency plans to all Shire buildings, to ensure plans are available and easily located.

For Information.

RECEIVED

8.6 Title: Review of the Shire of Dardanup Managing Emergencies In Shire Facilities Plan

Reporting Department: Executive – HR/OSH

Reporting Officer: Mr Anton Manning - Senior OSH Coordinator

Legislation: Occupational Safety and Health Act 1984

Background -

The Shire of Dardanup Managing Emergencies in Shire Facilities Plan [MESF Plan] was adopted by Council on 22 July 2015 following an external review by LGIS of existing emergency evacuation procedures for the shire buildings and facilities.

The MESF Plan was reviewed and adopted with amendments on 10 August 2016 [Res 206-16].

Legal Implications -

The Shire has a legal obligation to provide safe facilities for all users.

Strategic Community Plan - None.

Environment - None.

Precedents - The Plan was reviewed in 2016.

Budget Implications -

Approximately \$10,000 has been spent on the Eaton Administration Evacuation system.

Budget – Whole of Life Cost - None.

Council Policy Compliance - None.

Risk Assessment - Low

Officer Comment -

A review of the Shire of Dardanup MESF Plan has been completed. The review was undertaken to include changes with Shire Depots and include further shire facilities [Brigade buildings]. In addition, it includes the installation of an Emergency Alarm System at the Administration Centre Eaton.

Some of the additional shire facilities included in the Master Plan have not had their emergency evacuation diagrams included as they are not yet available. When the addition of the diagrams to the Master Plan is completed, the individual emergency facility plans will be provided to the facilities that do not have the plans located in their building.

Local Government Insurance Services (LGIS) have been requested to prepare the evacuation diagrams/floor plans and they will be inserted into the Plan as soon as they are available. The additional facilities included in the Plan are the newly constructed sports pavilions, the new Shire depot and the Fire Brigade buildings.

An amendment within the MESF Plan is the renaming of the "Emergency Planning Committee [EPC] to the "Evacuation/Incident Planning Committee [EIP]. The renaming was to differentiate between the 'Whole of Shire' Emergency Planning Committee [LEMC] as opposed to those members who are a part of the emergency planning committee for the MESF Plan. The MESF deals with separate shire managed facilities only.

Manager Governance & HR Comment

It is noted that the Coordinator Emergency & Ranger Services was responsible for this task for the past twelve months and has put considerable work into the preparation of plans for each of the separate facilities and coordinated Warden Training for staff. The Senior HR Coordinator is also acknowledged for:

- The establishment of an emergency evacuation alarm and communication system at the Eaton Administration Centre.
- Provision of warden vests, hats and grab bags.
- The provision of training to Shire staff for workplace fire equipment familiarisation training.
- Commencement of the Eaton Administration Workplace Emergency Induction for staff. About half of the Eaton Administration staff have been inducted with the remaining staff and Elected Members to be inducted in the coming weeks.
- The development of checklists for Eaton Administration Wardens and the auditing of shire buildings annually.
- The development of an annual auditing and checking process of all Shire buildings for fire and emergency sufficiency.

The Managing Emergencies in Shire Facilities fall under OSH legislation and therefore the Senior OSH Coordinator has now taken over responsibility for this MESF Plan and processes.

Council Role - Executive/Strategic

Voting Requirements - Simple Majority

Change to Officer Recommendation - No Change.

Note: Ms Tracey Maisey, Administration Centre Eaton Representative joined the meeting [1.10pm].

Discussion:

Shire President, Mr Michael Bennett, commented that he noticed the \$10,000 spent on the emergency system. Senior OSH Coordinator, Mr Anton Manning advised that the \$10,000 was for the emergency warning system.

Senior HR Coordinator/Chief Fire Warden, Mrs Donna Bullen briefed the meeting on the new alarm system and associated warden training and emergency drills to take place in the near future. Shire President, Mr Michael Bennett questioned whether the new councillors will be advised of the procedures. Mrs Donna Bullen advised that the procedures will form part of the new staff inductions and that she is happy to brief the new councillors either individually or as a group.

OCCUPATIONAL SAFETY & HEALTH COMMITTEE RESOLUTION

OSH 12-17 MOVED - Mr Anton Manning SECONDED - Mrs Donna Bullen

THAT the Occupational Safety and Health Committee recommend to Council that they adopt the amended Managing Emergencies in Shire Facilities Plan as appended (Appendix OSH 8.6).

CARRIED

8.7 Title: Fitness for Work Policy

Reporting Department: Executive – HR/OSH

Reporting Officer: Mrs Cathy Lee – Manager Governance & HR

Legislation: Occupational Safety and Health Act 1984

Background -

At the OSH Committee meeting held Wednesday 29 March 2017 the OSH committee resolved to commence the process of amending Administrative Policy - "AP22 Alcohol, Drugs & Illegal Substance Use In The Workplace" and Procedure - "PR31 Alcohol, Drugs & Illegal Substance Use In The Workplace". Copies of these current documents are attached (Appendix OSH: 8.7).

As reported to the OSH Committee meeting held Wednesday 28 June 2017:

Information, advice and consultation with, LGIS, WALGA and other Local Governments has been sought. Further information from organisations that provide training for drug and alcohol testing, mobile drug and alcohol testing and suppliers of drug and alcohol testing equipment has also been requested.

The consultation and advice from these organisations is to ensure the proposed revised policy and procedure is aligned with best practices now utilised in local government and industry. As a result of this consultation it is proposed that the policy be amended from a 'Drug and Alcohol Policy' to be a 'Fitness for Work' policy that includes the addition of the management of fatigue.

Following this information, the OSH committee resolved [OSH 08-17] as follows:

THAT the Shire of Dardanup Occupational Safety and Health Committee request the Senior OSH Coordinator:

- 1. Amend policy and procedure 'AP22 and PR31 Alcohol, Drugs & Illegal Substance Use in the Workplace' to include the Management of Fatigue in the workplace and rename the policy and procedure as 'Fitness for Work'*
- 2. Continue with the consultative process with staff advising that the policy will be renamed and will include 'Random' and 'For Causal' testing and the 'Management of Fatigue'.*
- 3. Report back to the OSH Committee meeting to be held in September 2017 the outcome of consultation and a draft amended 'Fitness for Work' policy and procedure for consideration.*

Legal Implications -

Occupational Safety and Health Act 1984 - Section 19 (1):

Section 19 (1)

*(1) An employer shall, so far as is practicable, provide and maintain a working environment in which the employees of the employer (the **employees**) are not exposed to hazards and in particular, but without limiting the generality of the foregoing, an employer shall —*

- (a) provide and maintain workplaces, plant, and systems of work such that, so far as is practicable, the employees are not exposed to hazards; and*
- (b) provide such information, instruction, and training to, and supervision of, the employees as is necessary to enable them to perform their work in such a manner that they are not exposed to hazards; and*

And; Occupational Safety and Health Act 1984 - Section 20 (1):

Section 20 (1)

- (1) An employee shall take reasonable care —*
 - (a) to ensure his or her own safety and health at work; and*
 - (b) to avoid adversely affecting the safety or health of any other person through any act or omission at work.*

Strategic Community Plan - None.

Environment - None.

Precedents -

The Shire of Dardanup originally adopted its "Alcohol, Drugs & Illegal Substance Use in the Workplace" Policy in 2008. The policy has been reviewed in 2012 and again in 2016.

Budget Implications -

The budget implications will include the purchase of an alcohol breathalyser and incur costs for carrying out random and for causal testing for drugs by an external laboratory.

The cost of the breathalyser is estimated at \$2,200.

Budget – Whole of Life Cost -

There will also be an ongoing six monthly calibration of the breathalyser required. Each calibration will cost approximately \$180.

Council Policy Compliance - Policy review.

Risk Assessment - Low

Officer Comment -

The new draft policy and procedure are outlined in the officer recommended resolution below.

A copy of the 'Alcohol, Drugs & Illegal Substance Use in the Workplace' policy and procedure along with the new draft 'Fitness for Work' policy and procedure have been provided to staff for their feedback.

The aim of the new draft policy and procedure is to promote a safe working environment at the Shire of Dardanup. It is the Shire's duty of care to ensure that all individuals are fit for work while they are on shire sites or undertaking activities on the Shire of Dardanup's behalf. Adoption of these documents will assist in the Shire dealing effectively and appropriately with individuals in relation to fitness for work issues.

The OSH Committee are requested to consider the below policy and either amend and/or adopt the new Policy. Once adopted, the finalised policy and procedure will be provided to all employees.

Note: This policy is an Administrative policy and not a Council policy as OSH requirements are statutory and disciplinary processes are administrative via the Chief Executive Officer's responsibility.

Council Role - Executive/Strategic

Voting Requirements - Simple Majority

Discussion:

Mrs Donna Bullen, Senior HR Coordinator advised that the new policy was emailed to all staff on 11 September and Mrs Cathy Lee, Mr Anton Manning and herself attended a prestart with the operations teams on 12 September and provided a hardcopy of the policies. The only feedback received were grammatical changes. Very little negative feedback was received.

Mrs Christine Kennedy, Parks and Gardens Representative and Mr Adam Herbert, Dardanup Outside Works Representative advised that the crews were very positive about the new policy.

Senior OSH Coordinator Mr Anton Manning advised that the first step is to purchase a handheld breathalyser at a cost of approximately \$2,000. He also advised that it will be an additional \$150-\$200 for calibration of the breathalyser that is carried out every 6 months.

Change to Officer Recommendation - No Change.

OCCUPATIONAL SAFETY & HEALTH COMMITTEE RESOLUTION

OSH 13-17 MOVED - Mrs Christine Kennedy SECONDED - Mr Adam Herbert

THAT the Occupational Safety and Health Committee:

1. Endorse the deletion of Administrative Policy - "AP022 Alcohol, Drugs & Illegal Substance Use In The Workplace" and Procedure - "PR031 Alcohol, Drugs & Illegal Substance Use In The Workplace".
2. Endorse adoption of draft Administrative Policy AP022 and draft Administrative Procedure PR031 titled "Fitness for Work" as follows:

AP022 – FITNESS OR WORK [ADMINISTRATION POLICY]***1. RESPONSIBLE DIRECTORATE***

Executive – HR - OSH

2. POLICY STATEMENT

The Shire of Dardanup has an obligation, so far as is practicable, to provide and maintain a safe and healthy working environment. The Shire of Dardanup has to ensure that all workers are fit for work and not exposed to hazards as per the WA OSH Act 1984, OHS Regulations 1996 and AS4801:2001.

3. DEFINITIONS

- *Under the influence: means the presence of any alcohol or other drugs (illicit or prescription) in the bloodstream in a detectable manner, which creates a likelihood of impaired work performance by the employee, and places an unacceptable safety risk to the employee and/or to other people or property.*
- *Impaired work performance: means the reduced ability to perform normal work duties (ie: restricted movement, limited concentration, etc), or the reduced*

ability to perform normal duties at the normal pace or frequency (ie: extreme fatigue and/or tiredness, etc).

4. SCOPE

This policy applies to all workers of the Shire and any person(s) working for or contracted to the Shire. The policy covers any and all issues that may impact on fitness for work including, but not limited to, fatigue, stress, physical wellbeing, medical issues, rehabilitation to work, medication drugs and alcohol.

5. PURPOSE OR OBJECTIVE

Shire of Dardanup has a duty of care to ensure that all individuals are fit for work while they are on Shire sites or undertaking activities on the Shire of Dardanup's behalf. The Shire promotes fitness for work and how to deal effectively and appropriately with individuals in relation to fitness for work issues.

The purpose of this policy is to provide and promote a safe working environment by ensuring all employees are fit to perform their duties without putting themselves or others and assess at risk by:

- *Ensuring that an individual whose condition could place her / him "at risk" of causing a danger of harm to self or others does not return to work until the individual is declared by an authorised person fit to return to employment and is provided optimum support and supervision to minimize future risks.*
- *Identifying impaired individuals and providing assistance in obtaining care and /or rehabilitation for impaired individuals.*
- *Ensuring impaired individuals are fit for employment upon return to work.*

6. POLICY

The Shire of Dardanup considers being at work under the influence of medication, drugs and/or alcohol and/or impaired work performance as an unacceptable Occupational Safety & Health hazard.

The use of illicit drugs in the workplace is forbidden. The use of alcohol in the workplace is forbidden except when the Chief Executive Officer waives the requirement for no alcohol consumption and allows safe consumption of alcohol where circumstances warrant (for example, during a shire endorsed social event).

Prescribed Drugs or Medication

It is the employee's responsibility to advise their Supervisor if they are taking any prescribed drug or medication that may affect their fitness for duty or work performance. The employee should also find out from their doctor or pharmacist what the effects of the prescribed drugs are on work performance.

Random Drug and Alcohol Testing

In the interest of the safety of all employees and the public, the Shire will carry out random drug and alcohol testing on its employees.

For Causal Testing

Drug and Alcohol testing may be carried out after an incident or safety breach or if an employee has displayed impaired work performance or behaviour.

Council's Rights When Drug or Alcohol Use is Suspected

If management have justifiable cause to doubt an employee's fitness for duty and considers that drugs or alcohol may be a cause, 'For Causal Testing' will be instigated.

Impaired Work Performance

If management have justifiable cause to doubt an employee's fitness for duty and considers that there is impaired work performance, the employee will be assessed for fitness to remain on duty.

Any person(s) working for or contracted to the Shire may be required to demonstrate their fitness for work as a requirement of this policy.

PR031 – FITNESS OR WORK [PROCEDURE]**1. RESPONSIBLE DIRECTORATE**

Executive – HR & OSH

2. OVERVIEW

The Shire of Dardanup has a duty of care to ensure that all individuals are fit for work while they are on shire sites or undertaking activities on the Shire of Dardanup's behalf. The Shire promotes fitness for work and how to deal effectively and appropriately with individuals in relation to fitness for work issues.

The purpose of this Procedure is to provide and promote a safe working environment by ensuring all employees are fit to perform their duties without putting themselves or others at risk by:

- *Ensuring that an individual whose condition could place her / him "at risk" of causing a danger to self or others does not return to work until the individual is fit to return to employment and is provided optimum support and supervision to minimize future risks.*
- *Identifying impaired individuals and providing assistance in obtaining care and /or rehabilitation for impaired individuals*
- *Ensuring impaired individuals are fit for employment upon return to work.*

3. SCOPE

This procedure applies to all workers of the Shire and any person(s) working for the Shire. The procedure covers any and all issues that may impact on fitness for work including, but not limited to, fatigue, stress, physical wellbeing, medical issues, rehabilitation to work, drugs and alcohol.

4. DEFINITIONS

Drugs – means any prescription, non-prescription or illicit drug use which may create a potential for risk to an individual or others.

Signs of Unsafe/Impaired Behaviour - means symptoms that may include, but are not limited to, the following:

- *Drowsiness or sleepiness*
- *Alcohol and/or drug odours on the breath*
- *Slurred or incoherent speech*
- *Confusion*
- *Aggressive behaviour*
- *Unexplained mood changes*
- *Lack of manual dexterity*
- *Lack of coordination*
- *Work related accidents or injuries where a reasonable suspicion of substance abuse exists*
- *Excessive carelessness*
- *Leaving work area for extended periods or unexplained reasons*

5. *ROLES & RESPONSIBILITIES*

Managers are responsible for:

- *Following this procedure;*
- *Assessing any worker who appears to be, or has been reported as being unfit for duty;*
- *Discussing concerns with the identified employee or contactor with the objective to identify resolution of those concerns, including support or assistance that may be provided and explaining the Shire's expectations;*
- *Discussing the issues of performance and safety with the objective of resolving the concerns;*
- *Requiring that the person provides documented medical advice in relation to fitness for work;*
- *Agreeing to participate in any action to resolve the concerns;*
- *Requiring the person to take their leave accruals until the person is declared fit for work by an authorised person;*
- *Ensuring that the person is able to get home safely or to the appropriate medical assistance, and;*
- *Maintaining accurate and confidential documentation of events.*

Workers are responsible for:

Attending work in a manner which does not put themselves or anyone else at risk;

- *Advising management of any condition or medication which may result in them being unfit for work;*
- *Not attending work under the influence of drugs or alcohol;*

- *Not driving motor vehicles, or operating plant or machinery under the influence of drugs or alcohol;*
- *Reporting to their supervisor if in their opinion any other worker may be unfit for work as required by a workers duty of care under Occupational Safety and Health law.*

6. PROCEDURE

Identifying a worker who is NOT "Fit For Work"

When it is suspected or reported that a worker is identified as being unfit for work the manager should:

- *Liaise with the OSH Officer to initiate the removal of the worker from the workplace to attend a medical assessment;*
- *Assess work duties that may contribute to levels of stress or fatigue, such as but not limited to;*
 - *On call / call back*
 - *Significant overtime*
 - *Extended periods working in hot or cold environments*
- *Arrange for testing of alcohol and/or other drugs, if appropriate;*
- *Liaise with Human Resources to obtain approval for the worker to be stood down from duties if found to be unfit.*
- *Offer to make contact with the workers family or friend and arrange suitable transport home;*

Obtain witness statement of incident involving affected worker;

If the worker is required to leave the worksite, a medical certificate or similar must be produced prior to returning to work.

The worker may access sick leave or similar entitlements for absences from work.

Should a worker refuse to comply with this procedure, arrange for the worker to be transported home and ensure that the worker has a support person.

If you assess the worker is unfit [Refer to appended Suspected Impairment Checklist for assessment tool] to drive and they refuse transport, inform the Police immediately.

Arrange to see the worker the next day and follow normal disciplinary procedures.

Document all steps taken immediately. Contemporaneous notes must be made available to the Chief Executive Officer when requested.

Disciplinary Procedures

Non-compliance with this policy, or failure to enforce its requirements, will be managed under the Shire's Disciplinary policy.

Confidentiality

Confidentiality is vital in promoting the effectiveness of the procedure and all reasonable efforts, consistent with safety and legal requirements, must be made to maintain an individual's privacy.

Information relating to an individual's fitness for work must be transmitted, used and stored in a confidential manner.

7. REFERENCES

- Occupational Safety and Health Act 1984
- Occupational Safety and Health Regulations 1996
- AS4801:2001

PR031 APPENDIX

SUSPECTED IMPAIRMENT CHECKLIST

The following checklist may be used by a supervisor to determine whether an employee may be impaired.

If the employee is not severely impaired or threatening, observe the employee for objective indicators of impairment. If there is a reasonable suspicion of impairment, talk to the employee in a private setting to advise him/her of the observations and concerns regarding suspected impairment. Whenever possible, another member of management should confirm the observations and accompany the supervisor as he/she talks with the employee.

Employee Name: _____ Date: _____ Time: _____

Provide specific information/examples to help clarify your observations:

BEHAVIOUR

- Alternate periods of high and low productivity
- Disappearance from work area
- Difficulty performing ordinary tasks
- More time needed to complete jobs
- Boisterous
- Easily agitated
- Erratic and disjointed actions
- Sleeping on duty
- Hostile, crying or talkative
- Increased errors

OVERALL PHYSICAL APPEARANCE / CLOTHING

- Flushed or red face
- Lethargic or sleepy
- Hyperactivity
- Tense or unduly nervous
- Poor physical condition
- Drooling or dry mouth
- Dramatic change in physical appearance

GAIT

- Unsteady
- Deliberate or over-careful
- Swaying
- Leaning
- Stooped

ODOUR

- Distinctive odour of intoxicant on breath
- Distinctive odour on clothing or person
- Mints, gum, mouthwash or breath spray

SPEECH

- Slurred
- Unusually loud
- Hesitant
- Unusually fast or slow
- Incoherent

EYES

- Red
- Watery
- Heavy eyelids
- Pupils constricted
- Pupils dilated

CONFUSION

- Difficulty in recalling instructions or details
- Difficulty in recalling mistakes
- Difficulty remembering recent events

Supervisor Name: _____

Supervisor Sign: _____

Witness Name: _____

Witness Sign: _____

Date: _____

Date: _____

3. **Recommend that a copy of the adopted policy and procedure be made available to all current and future staff.**

CARRIED

8.8 Title: *Harmonised Work Health & Safety Laws - Harmonisation*

Reporting Department: Executive

Reporting Officer: Mrs Cathy Lee – Manager Governance Services

Legislation: Local Government Act 1995

Background -

Australian governments have put in place laws to harmonise occupational health and safety laws across Australia, helping to provide equal protection and standards to workers in each jurisdiction. These laws are part of national reform to occupational health and safety and are the result of extensive consultation and a national review.

Harmonisation of OHS laws in Australia is designed to provide all states and Territories with a consistent set of Workplace Health and Safety (WHS) laws. Safe Work Australia has developed a Model WHS Act, Model WHS Regulations and Model Codes of Practice that each State/Territory can use to implement consistent laws in their jurisdiction.

In January 2012 the harmonised laws were introduced in the ACT, NSW, QLD and NT. Tasmania and SA joined in 2013. WA has commenced introducing the legislation and it will be in place in WA by 2019.

The change to legislation will have significant impact and the Shire will need to be prepared for the introduction of the model WHS legislation in WA.

Legal Implications - None.

Strategic Community Plan - None.

Environment - None.

Precedents - None.

Budget Implications - None.

Budget – Whole of Life Cost - None.

Council Policy Compliance - None.

Risk Assessment - Low

Officer Comment -

The following information has been taken from:

<http://www.corrs.com.au/publications/corrs-in-brief/wa-on-the-march-towards-model-work-health-and-safety-laws/> regarding Harmonised WHS legislation.

As WA progresses to adopting its own version of the harmonised WHS legislation (and announces a significant increase in penalties), employers in Western Australia will need to prepare for a number of changes in work health and safety (WHS) laws over the next two years.

A number of immediate and upcoming changes to safety regulation in WA have been announced by the McGowan Government (Government). These are:

1. Amalgamation of regulators

In April 2017, it was announced that the Department of Mines and Petroleum (which previously regulated safety in the WA resources sector) would amalgamate with the Department of Commerce (which includes WorkSafe WA). This amalgamated department is now known as the Department of Mines, Industry Regulation and Safety.

The Government stated that providing for a single regulator will elevate the focus on worker safety in WA. WorkSafe WA has previously been criticised by some stakeholders for being a reactive, rather than a proactive, regulator, while the Department of Mines and Petroleum has generally been considered to be better resourced and more proactive.

Accordingly, the amalgamation may result in a different approach.

2. Development of a single harmonised WHS bill

*In July 2017, it was announced that the Government had approved the development of a single Work Health and Safety Bill (**Bill**) to replace the following pieces of safety legislation (among others):*

- Occupational Health and Safety Act 1984;*
- Mines Safety and Inspection Act 1994;*
- Petroleum (Submerged Lands) Act 1982;*
- Petroleum and Geothermal Energy Resources Act 1967; and*
- Pipelines Act 1969.*

The Government has indicated that the Bill is expected to be introduced mid-2019, and will be based on the national model Work Health and Safety Act.

As the timeline initially proposed seems relatively generous, and the model laws are relatively well understood (having been in place for some years in most jurisdictions), it is possible that the Bill may be introduced earlier than mid-2019. In any event, once it is passed, WA will have safety legislation consistent with all States and Territories, other than Victoria.

It is proposed that that the new legislation will be supported by industry specific regulations, which will enable the resources sector to use risk-based processes, and support a safety-case system for the petroleum industry and major hazard facilities.

3. Increased penalties

Most recently, the Government announced that the penalties for offences under the current Occupational Health and Safety Act 1984 (WA) will increase to reflect the penalties under the model Work Health and Safety Act.

This means that:

- maximum penalties for Level 1 offences will increase from \$50,000 to \$456,000;
- maximum penalties for Level 4 offences, for first time offenders, will increase from \$500,000 to more than \$2.7 million; and
- the maximum term of imprisonment for an individual convicted of a Level 4 offence will increase from two years to five years.

WA Premier Mark McGowan commented that “Penalties for workplace safety offences haven't changed for 13 years. The substantial increases reflect the seriousness of ensuring the safety of Western Australian workers.”

What's next?

The Government will form a Ministerial Advisory Panel (**MAP**), to advise on the content of the Work Health and Safety Bill and the relevant industry regulations.

The MAP will be Chaired by Stephanie Mayman, the Chair of the Commission for Occupational Safety and Health, and will include representatives from the government, industry bodies and UnionsWA. Ms Mayman was a key member of the 2008 National OHS Review Panel which led to the national model Work Health and Safety Act.

The Government has indicated that it will engage in an extensive consultation process prior to the introduction of the new Work Health and Safety Bill. This will presumably be driven through the MAP.

Some of the key issues likely to be discussed during this process will include:

- the inclusion of the offence of gross negligent conduct (which was a pre-election commitment of the McGowan government);
- the ability for unions to institute prosecutions;
- the level of specificity of industry regulations (for example the framework relating to fly-in, fly-out workers); and
- the due diligence obligations of directors and senior managers.

How should employers prepare?

Employers in WA and others likely to be affected by these changes should consider any issues of importance to their business, particularly those relation to industry specific regulation, carefully. They also need to ensure that these are addressed through their relevant industry bodies, or directly by the business, as part of the consultation process.

Consideration should also be given to the manner in which directors and senior managers can prepare for the introduction of the model WHS legislation in WA. Due diligence obligations already apply to directors and senior managers in other jurisdictions, and it is likely that the WA Bill will impose very similar obligations.

Directors and senior managers should ensure that they are familiar with these obligations and that the business is equipped to assist them in meeting them.

While there is still some time before the model WHS laws are introduced in WA, directors and senior managers should take steps now to ensure they are familiar with their personal obligations under the new laws, and that they receive the appropriate level of support from their business.

To assist in ensuring the Shire of Dardanup is ready for the new laws, the Shire has engaged Consultant Mr Orlando Fazzolari of NSCO Consulting to carry out an OSH Audit for the Shire. Mr Fazzolari will run a workshop for management to gain a better understanding of Harmonisation – the impending implementation of the new WHS legislation. The presentation will specifically address the changes in the WHS legislation from the current OSH Act and Regulations to the Model Act. Harmonisation is significantly important for any key stakeholder who makes or contributes to major decisions within the organisation.

For Information.

RECEIVED

Discussion:

Chief Executive Officer, Mr Mark Chester advised that training will be provided on the WA harmonisation of work health & safety laws as needed.

9. ELECTED MEMBER MOTIONS OF WHICH PREVIOUS NOTICE HAS BEEN GIVEN

None.

10. NEW BUSINESS OF AN URGENT NATURE

10.1 Title: Shire of Dardanup Statistical Analysis Report 2017

Reporting Department: LGIS

Reporting Officer: Ms Neroli Logan – Regional Risk Coordinator SW

NOTE: Ms Neroli Logan, Regional Risk Coordinator SW provided the Committee with a statistical report. This was tabled at the meeting.

Discussion:

Ms Neroli Logan referred to the statistical report and advised that there is no significant trend relating to injuries and that the Shire is tracking really well. The five year graph indicates a downward trend, however, it is unusual that the Shire doesn't seem to have a period of 0 incidents which is quite unusual when compared to other local governments.

Shire President, Cr Michael Bennett asked if there was any indication of what time of year we seem to have the most incidents.

Mrs Antonette O'Kane, OSH Adviser advised that there appears to be more incidents in the Nov/Dec and Jan/Feb periods.

Cr Bennett advised that from his perspective it would be a good idea to give people more reminders around these times.

Antonette O'Kane advised that the peaks at these times have been on their radar and that February seems to be our peak when there are staff returning from leave. It was agreed that supervisors need to emphasise safety to staff when returning from leave to try and prevent injuries during this time.

Cr Michael Bennett thanked Ms Neroli Logan for the report.

11. MATTERS BEHIND CLOSED DOORS

None.

12. CLOSURE OF MEETING.

The next meeting of the Occupational Safety & Health Committee will be held on Wednesday 13 December 2017 - time to be advised.

There being no further business, the Chairperson declared the meeting closed at 1.25pm.

